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Results of March 1998 Soil Sampling
NAF Atsugi, Japan

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LIST OF ACRONYMS

AOC	Area of Concern
CINCPACFLT	Commander in Chief U.S. Pacific Fleet
CLP	Contract Laboratory Program
CNO	Chief of Naval Operations
COMFAIRWESTPAC	Commander, Fleet Air Wester Pacific
COMNAVAIRPAC	Commander U.S. Naval Forces, Pacific
EPA	Environmental Protection Agency (EPA)
GPS	Global positioning system
IQR	Interquantile range
JMSDF	Japanese Maritime Self Defense Force
LANTDIV	LANTNAVAVENGCOM
MS	Matrix spike
MSD	Matrix spike duplicate
NAF	Naval Air Facility
NEHC	Navy Environmental Health Center
OL	Silt, organic
PARCC	Precision, accuracy, representativeness, completeness, and comparability criteria
PCB	Polychlorinated bi-phenyls
PCDD	Polychlorinated dibenzo-p-dioxin
PCDF	Polychlorinated dibenzo-p-furans
POL	Petroleum, oils, and lubricants
PPE	Personal protective equipment
PSD	Particle size distribution
QC	Quality control
RBC	Risk-based concentration
RBSL	Risk-based screening level
SDG	Sample delivery group
SVOC	Semivolatile organic compound
SW	Sand, well graded
TEF	Toxicity equivalency factor
TEQ	Toxicity equivalency
TOC	Total organic carbon
UTL	Upper tolerance limit

Executive Summary

Radian International, LLC performed soil sampling from 5 to 18 March 1998 at NAF Atsugi to support risk assessment activities being performed by the Navy Environmental Health Center (NEHC). A total of 102 field samples were collected from areas of concern (AOCs), potential reference (similar to "background") areas, and at individual locations across the base. Concentrated sampling was performed at the three designated AOCs, which included the Child Development Center, the Shirley Lanham Elementary School, the area surrounding Residential Housing Towers 3101 and 3102, and at the two potential reference areas located on the far western side of NAF Atsugi. Less dense sampling was performed at the 33 locations interspersed across the base. Of the 102 samples, 73 were from the surface interval (0-3 in.) and 29 were from the subsurface interval (3-12 in.).

All samples were analyzed for CLP semivolatile organic compounds (SVOCs), CLP organochlorine pesticides and polychlorinated bi-phenyls (PCBs), CLP metals (including cyanide), polychlorinated dibenzo-p-dioxins and –furans (PCDDs and PCDFs), percent moisture, and pH. A subset of the samples were analyzed for anions (chloride, fluoride, sulfate, and nitrate), total organic carbon, and particle size distribution (PSD). GP Environmental Services, Inc. performed all analyses other than those involving dioxins, which were analyzed by Triangle Laboratories, and the PSD analyses performed by Radian. Following analyses, the data for CLP and dioxin analyses were sent for validation by EcoChem Inc. None of the soil data were invalidated.

The soil sampling was intended to help address the following two questions:

1) What are the risks to sensitive receptors from dermal contact or incidental ingestion of soil contaminated by the Jinkanpo Incineration Complex?

2) What is the extent of deposition in the soil of particulates from the Jinkanpo Incineration Complex?

The soil sampling in the AOCs was meant to help address the first of these questions, and the samples collected throughout the base were intended to address the second question. The aim of the sampling performed in the potential reference areas was to collect data from areas that were unaffected, or minimally affected, by the Jinkanpo Incineration Complex or other potential contaminant sources. These data would be used to ascertain the degree of impact over "natural" conditions.

In order to focus the evaluation of the analytical results, the data were compared with; 1) risk-based screening levels (RBSLs) calculated using Environmental Protection Agency Region III risk-based concentrations (RBCs) at a hazard quotient of 0.1 (RBSLs are the RBCs for carcinogens and $1/10^{th}$ the RBC for non-carcinogens), and 2) statistically derived upper tolerance limits (UTLs) and means from the reference area data.

Following are conclusions resulting from evaluation of the soil sample data:

Overall

- The March 1998 soil sampling provided data to address the two project objectives. Quality analytical data from pre-determined AOCs and across the base are now available for assessing risk and evaluating trends.

- The soil data set will allow risk assessors to determine risk to sensitive receptors in AOCs and, by evaluating the estimated analyte concentration trends across the base, qualitatively assess risks in other portions of the base.

- The unavailability of true "background" (i.e., unaffected) concentrations for soil constituents at NAF Atsugi increases the difficulty associated with the data evaluation. In lieu of background, calculations are based on comparisons to "reference" concentrations, which are from areas believed to be minimally affected by the Jinkanpo Incineration Complex and other potential contaminant sources.

- Although the data set is sufficient for assessing risks and determining analyte distribution trends across the base, additional soil data would provide increased confidence in risk determination and provide further definition of contaminant distribution patterns. Additional data would also further substantiate that the Jinkanpo Incineration Complex is the origin of some contaminants. This is particularly true for some metals and dioxins.

Trend Analysis

- The Jinkanpo Incineration Complex appears to have affected surface (0-3 in.) and subsurface soil (3-12 in.) at NAF Atsugi.
- Concentrations of some dioxins and metals are highest near the Jinkanpo Incineration Complex and decrease with distance from this apparent source.
- Surface soils are generally more contaminated than subsurface soils, especially for dioxins.
- Some analyte concentrations are higher than RBSLs and reference concentrations.
- Interpolated trend analysis data show the toxicity equivalency (TEQ) for dioxins exceeds the RBSL over the entire NAF Atsugi.
- Detections of pesticides, PCBs, and SVOCs are random and infrequent and do not appear to be related to the Jinkanpo Incineration Complex.
- Based on predominate wind patterns and location, SVOCs detected southeast of the Jinkanpo Incineration Complex may be the result of another source.
- The large distance between some sample locations resulted in larger interpolated areas of increased contamination than may actually be present.

Reference and AOC Investigations

- Soils from potential Reference Area 2 were deemed inappropriate for use in the reference data set, so reference UTLs were calculated only from the Reference Area 1 data.
- The presence of contaminants at levels exceeding RBSLs in the subsurface soil and the correlation between surface and subsurface soil concentrations suggests that exclusive use of subsurface soils as a reference data set may not be appropriate (i.e., contamination, where present, usually extends below the surface, or 0-3 in. interval).
- Some compounds that are not naturally occurring appear to be ubiquitous throughout the base, so UTLs were calculated for organic as well as inorganic compounds. This allowed investigators to determine if contaminants appeared to be related to the Jinkanpo Incineration Complex or to other sources.
- Due to low statistical power for AOC-to-reference means comparison and low statistical coverage for reference UTLs, there is uncertainty associated with the classification of some inorganic compounds as contaminates of concern for risk assessment, particularly for subsurface soil.
- The low statistical power and low statistical coverage are less likely to affect risk assessment decisions for organic compounds because these analytes would not be eliminated as constituents of concern in a risk assessment. However, the low power and coverage lead to increased uncertainty in determining whether contaminants appear to be related to the Jinkanpo Incineration Complex.

1.0 Introduction

Radian International LLC has been contracted by LANTNAVAVENGCOM (LANTDIV) to prepare this soil report for the Navy Environmental Health Center (NEHC).

This report presents the field sampling methods and analytical results for soil samples collected at Naval Air Facility (NAF) Atsugi, Japan in March 1998. The results described in this report will assist the NEHC in estimating human health risks associated with the operation of the adjacent privately owned Jinkanpo Incineration Complex, and increase the understanding of the distribution of contaminants across the base.

For discussion purposes, this report contains a comparison of the results against U.S. Environmental Protection Agency (EPA) Region III's risk-based concentrations (RBCs). For non-carcinogenic contaminants, the screening criterion for discussion purposes will be the risk-based screening level (RBSL), which is equivalent to $1/10^{th}$ the RBC. This report does not present the methodology or results of risk assessment. The risk assessment is being performed concurrently and will be presented in a separate document.

1.1 Site Location and Description

Figure 1-1 presents the location of NAF Atsugi, which is located in the Kanto Plain area on the island of Honshu, Japan. Tokyo and Yokohama, two of the largest cities in Japan, as well as major U.S. military installations at Yokosuka, Yokota, and Camp Zama, lie within a 20-mile radius of the facility. The city of Ayase is positioned west of the base, and Yamato is northeast of the base. The Jinkanpo Incineration Complex is located immediately next to (primarily south of) NAF Atsugi.

1.1.1 NAF Atsugi

The mission of NAF Atsugi is to maintain and operate facilities and to provide services and material to support operations of Navy aviation activities and units of Navy operating forces and any other activities and units designated by the Chief of Naval Operations (CNO). NAF Atsugi is a fifth echelon command of CNO, who exercises command through Commander in Chief U.S. Pacific Fleet (CINCPACFLT), Commander U.S. Naval Forces, Pacific (COMNAVAIRPAC), and Commander, Fleet Air Western Pacific (COMFAIRWESTPAC).

Prior to the former Japanese Navy constructing the Atsugi Air Base in 1941, the property was farm land and pine forest. After World War II, the U.S. Army controlled the Base, and it fell into disuse until commissioned as U.S. Air Station Atsugi in 1950. Structures built by the Japanese government were renovated, and the U.S. Navy constructed many new buildings during the 1950s. In 1971, the name of the base was changed to NAF Atsugi, and the official joint use of the base with the Japanese Maritime Self Defense Force (JMSDF) began.

Figure 1-2 presents the current layout of NAF Atsugi. The base occupies approximately 1,240 acres. NAF Atsugi is generally level except for a small ravine formed by the Tade River, which runs north-south and divides the facility into east and west sectors. The residential areas are located on the southern and western portions of the base. A school and day care are located within the residential areas on the south side of the base. Recreational areas include the golf course, shooting range, and various parks and picnic areas found mostly on the western sector. The runway, aircraft maintenance, storage, petroleum, oils, and lubricants (POL), and other aviation-related activities generally occupy the eastern sector. The broad land use categories are located in well-defined areas, thus minimizing the overlap of incompatible land use.

1.1.2 Jinkanpo Incineration Complex

The Jinkanpo Incineration Complex is located in the Tade River Valley, approximately 150 meters south of the NAF Atsugi fence line. This complex is approximately 4 to 5 acres in size. NAF Atsugi surrounds the Jinkanpo Incineration Complex primarily on the north side from the northwest to the southeast, as shown in Figure 1-2. South and west of the complex is the Ayase Industrial Park.

Three incinerators are located in the Jinkanpo Incineration Complex. The facility is operated under a general industrial waste disposal license issued by the Kanagawa Prefecture. It is currently allowed to operate 24 hours per day with up to 10 tons of waste per incinerator per day. The facility has requested an increase to 30 tons per day per incinerator, for a total of 90 tons of waste to be burned per day. Each incinerator has a stack, and there is one bypass stack. The types of wastes they can burn are "uncontrolled" and may include municipal and industrial wastes, wood products, green wastes, plastics, industrial materials, construction debris, alkalines, waste oils, waste acids, and numerous other kinds of materials. Wastes are commonly on the ground being soaked with liquid wastes before burning. In addition, there are piles of fly ash visible at the complex, adding to the particulate emissions noted at the base on windy days.

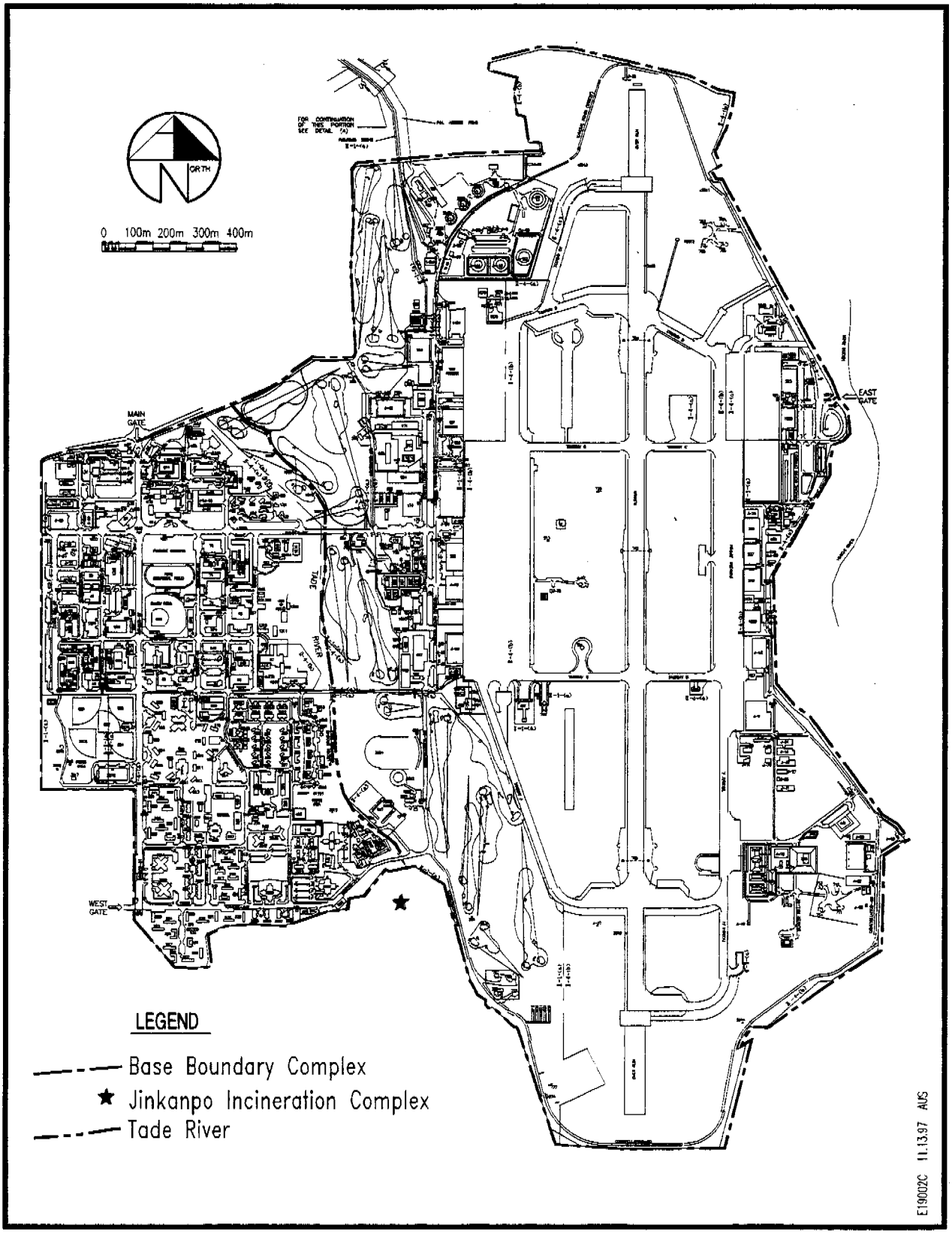


Figure 1-2. NAF Atsugi Layout

The incinerators are equipped with control equipment consisting of a dry quench, an acid gas reaction chamber, an electrostatic precipitator, cyclone separators, and a wet quench scrubber. However, based on observations made, plant operation frequently bypasses the air pollution control equipment on the incinerators and discharges from the bypass stack immediately above the incinerators.

The Jinkanpo Incineration Complex plumes generally have the greatest impact on air quality at the NAF Atsugi installation during the late spring, summer, and early fall when the wind blows predominantly from the south. A wind rose is presented in Figure 1-3. Also, because of the terrain in this area, the installation is frequently fumigated. The Jinkanpo Incineration Complex is located in a small river valley, and the NAF Atsugi installation is positioned on a plateau at the end of the valley. The NAF Atsugi installation is only about 20 meters (m) higher than the base of the stacks at the Jinkanpo Incineration Complex. The valley tends to channel the wind in the direction of the NAF Atsugi installation. Housing units, commercial activities, industrial facilities, and a school and day care facility are within 1000 m of the stacks. The nearest high-rise/high-density housing unit is only 250 m away.

1.2 Project Objectives

Data quality objectives were presented in the *Soil Sampling Plan to Demonstrate Health Impacts From the Jinkanpo Incineration Complex* (Radian, May 1998). Soil sample results are intended to help answer the following two questions:

1) What are the risks to sensitive receptors from dermal contact or incidental ingestion of soil contaminated by the Jinkanpo Incineration Complex?

2) What is the extent of deposition in the soil of particulates from the Jinkanpo Incineration Complex?

These two questions guided the development of the soil sampling program, including the choice of sampling locations and number of soil samples collected.

Based on the anticipated human health risk assessment needs, the areas identified as likely to have been affected by Jinkanpo Incineration Complex emissions and likely to be frequented by sensitive receptors include:

1) Residential Towers 3101 and 3102, including the adjacent picnic and play areas;

2) The Child Development Center; and

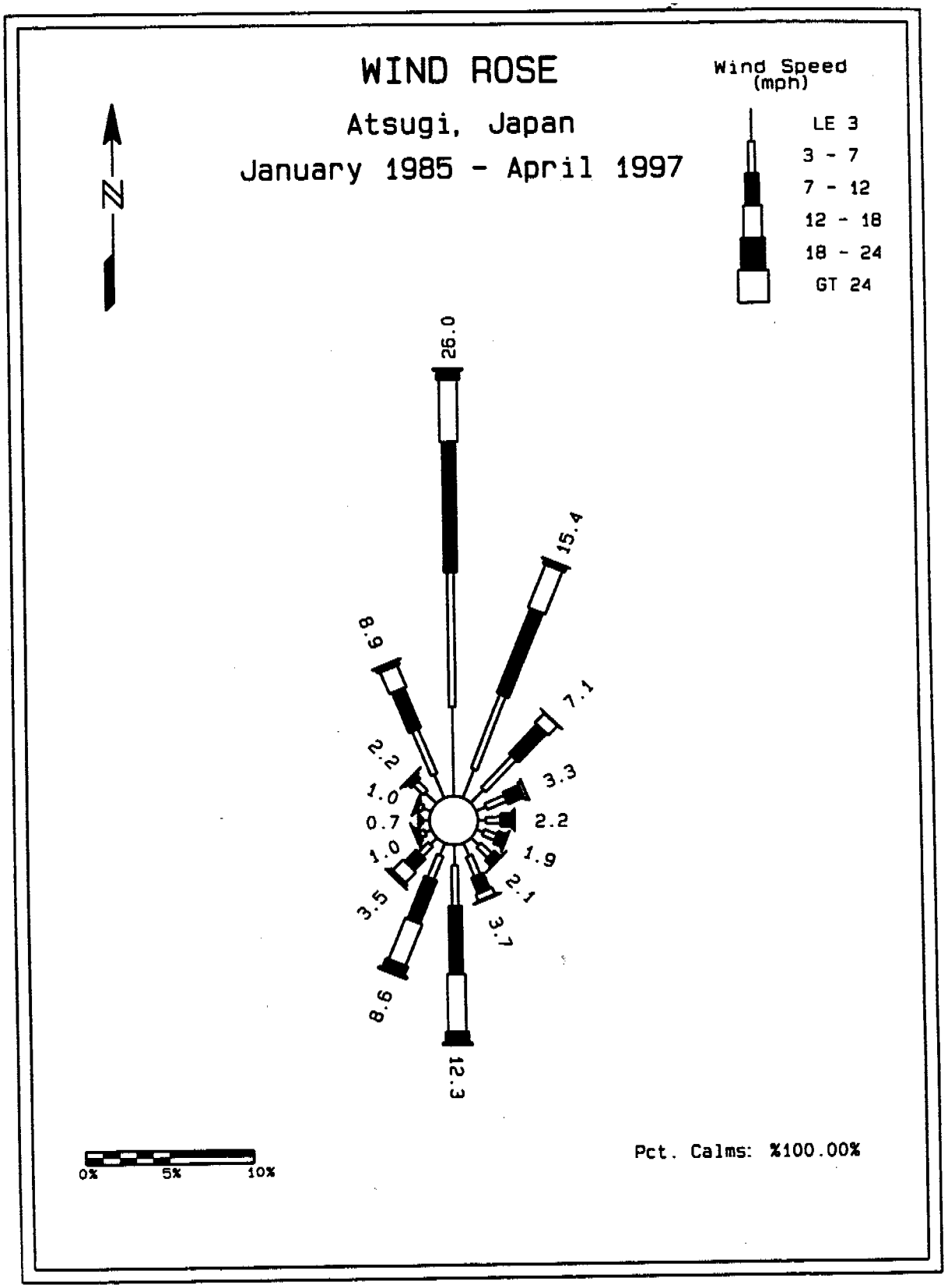


Figure 1-3. NAF Atsugi Windrose

3) Shirley Lanham Elementary School.

Concentrated soil sampling was performed in each of these areas.

To assess the extent of deposition, the following two questions will be addressed in this report:

1) For each area of concern (AOC), are there concentrations that are significantly elevated above reference levels and/or EPA Region III risk-based screening values?

2) Is there a significantly decreasing trend in concentrations as the distance from the Jinkanpo Incineration Complex increases?

Reference levels for this investigation were determined from soil concentrations in areas that are less likely to have been significantly impacted by the Jinkanpo Incineration Complex. Two potential reference areas were sampled which are a fairly large distance from the Jinkanpo Incineration Complex, out of the principal wind direction, and are believed to have had minimal soil disturbance. The sampling effort was also designed to allow comparisons between surface and subsurface soil and to assess the degree to which contaminant concentrations decrease with distance and direction from the Jinkanpo Incineration Complex.

The locations of the AOCs and potential reference areas are shown on Figure 1-4. Figures 1-5 through 1-9 present site maps for each AOC and the two potential reference areas, including specific sampling locations.

Two sets of samples were collected. The first set was intended to provide information about the AOCs. The specific numbers and locations of samples collected at each AOC were a function of the precision, accuracy, representativeness, completeness, and comparability (PARCC) criteria that were presented in the sampling plan (Radian, 1998). The second set of samples was on a less dense but wider coverage to assess depositional trends away from the Jinkanpo Incineration Complex. For this effort, Radian developed and presented different PARCC criteria in the sampling plan. PARCC criteria were met for both sets of samples.

1.3 Sampling Approach and Rationale

The soil sampling approach was designed to provide data to support the two objectives of the project. Constituents of potential concern were identified in a previous screening health risk

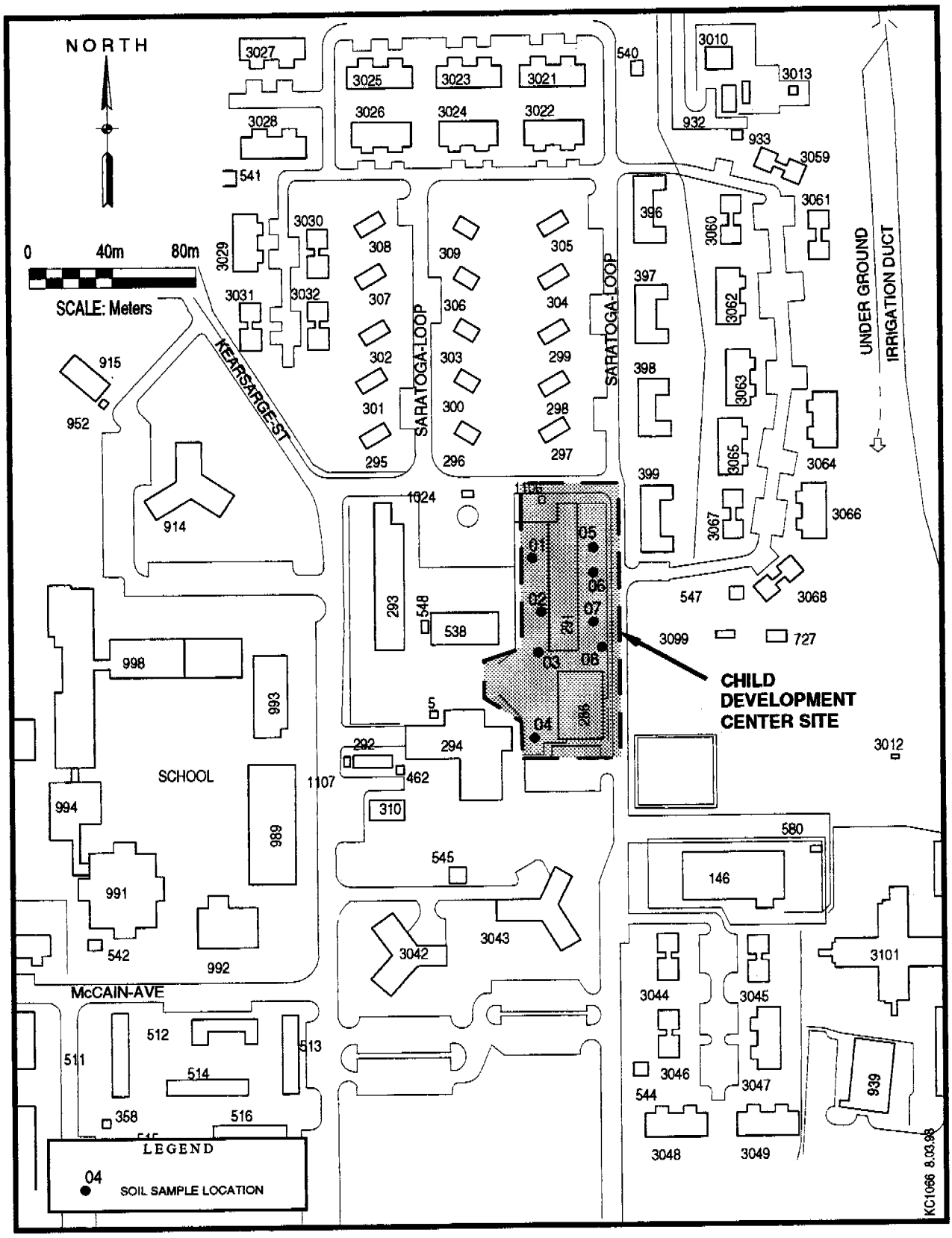


Figure 1-5. Site Map, Child Development Center

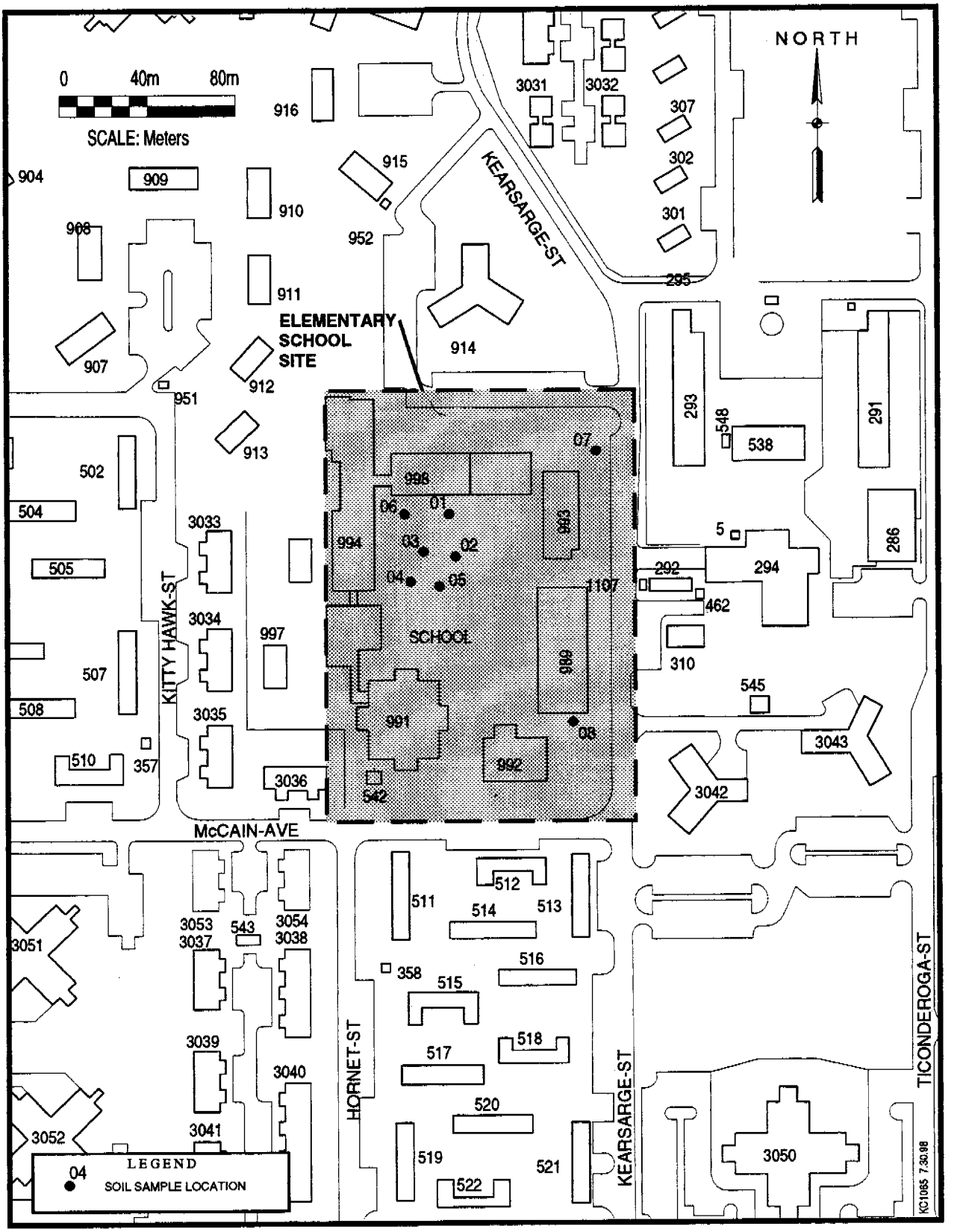


Figure 1-6. Site Map, Elementary School

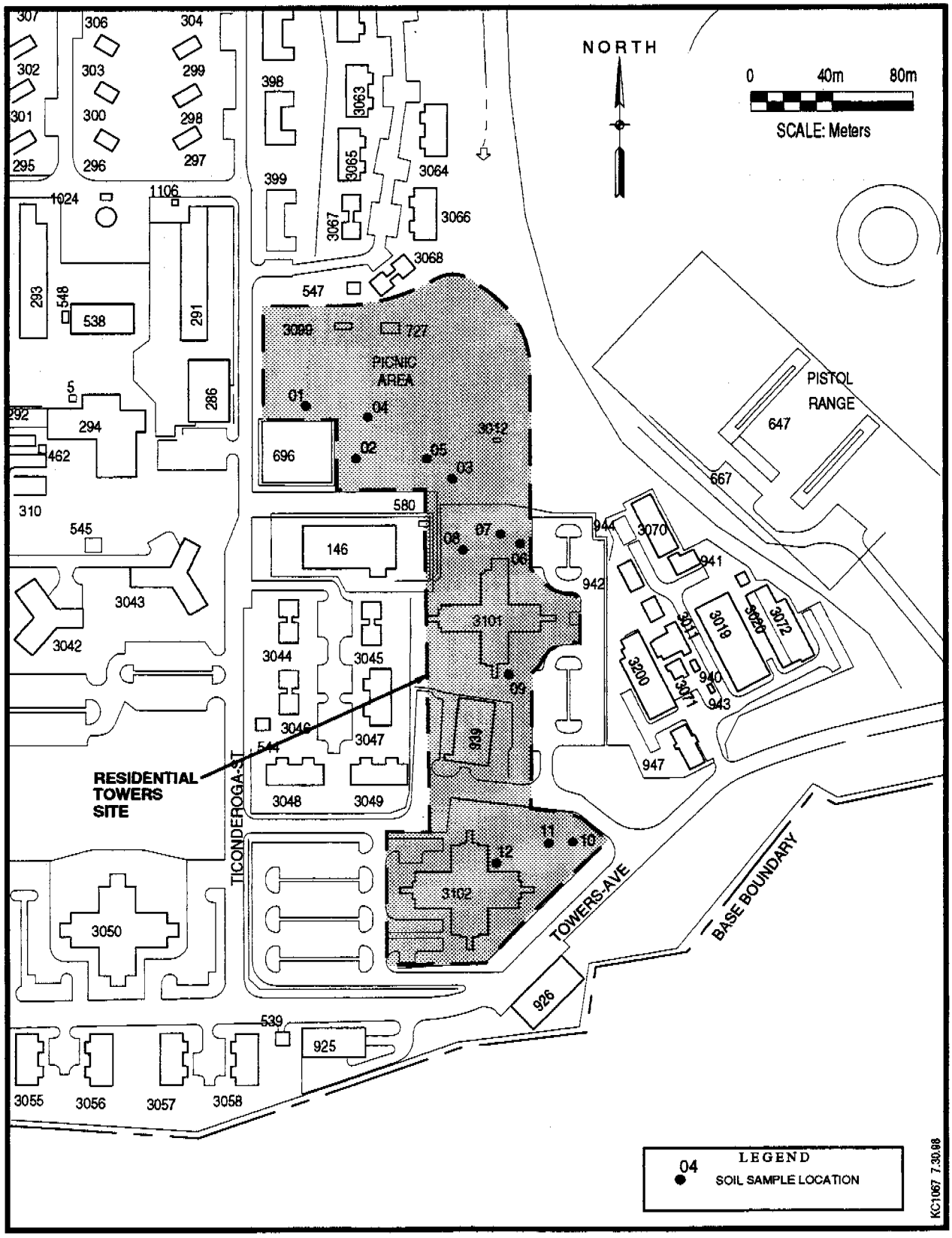


Figure 1-7. Site Map, Residential Towers

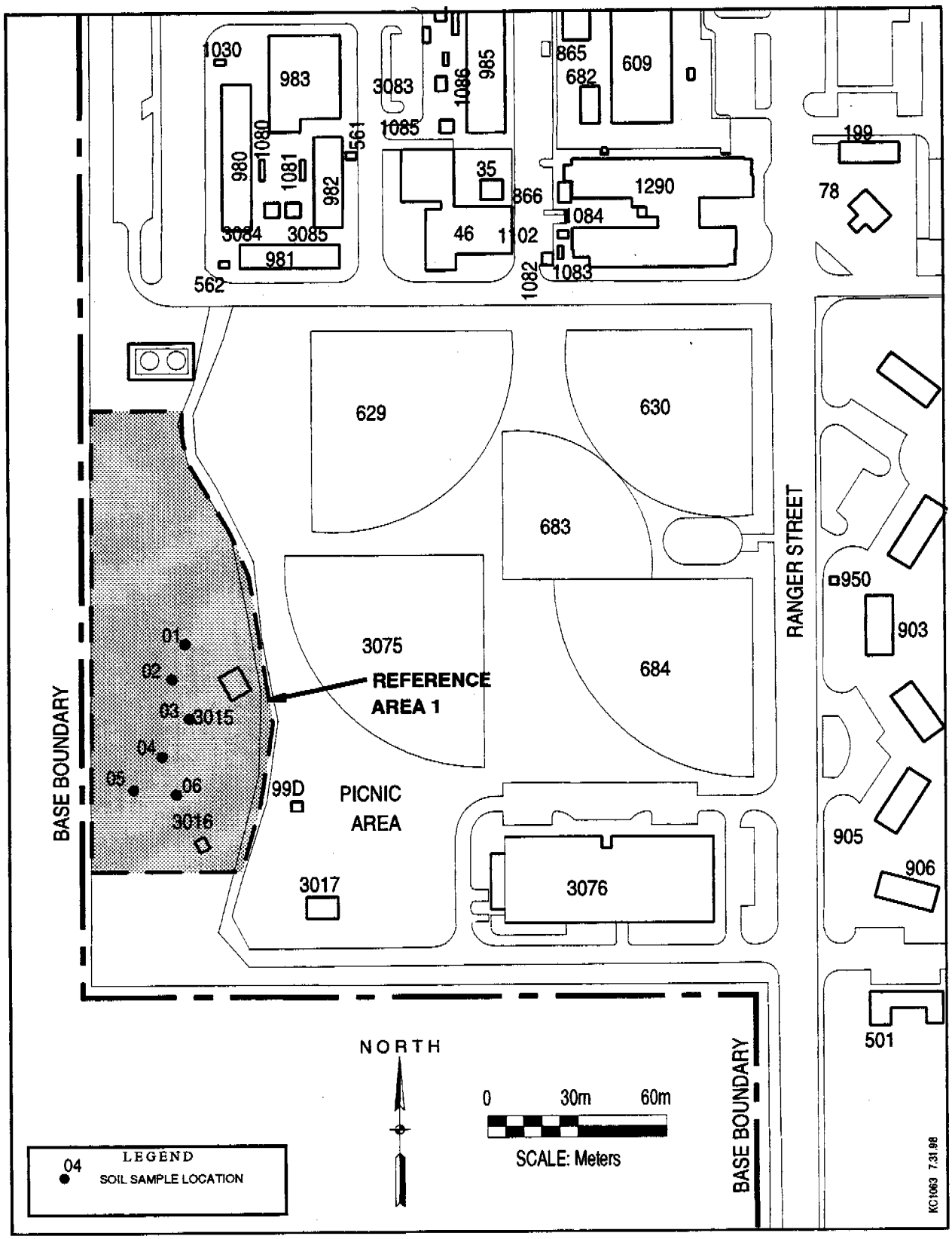


Figure 1-8. Site Map, Reference Area 1

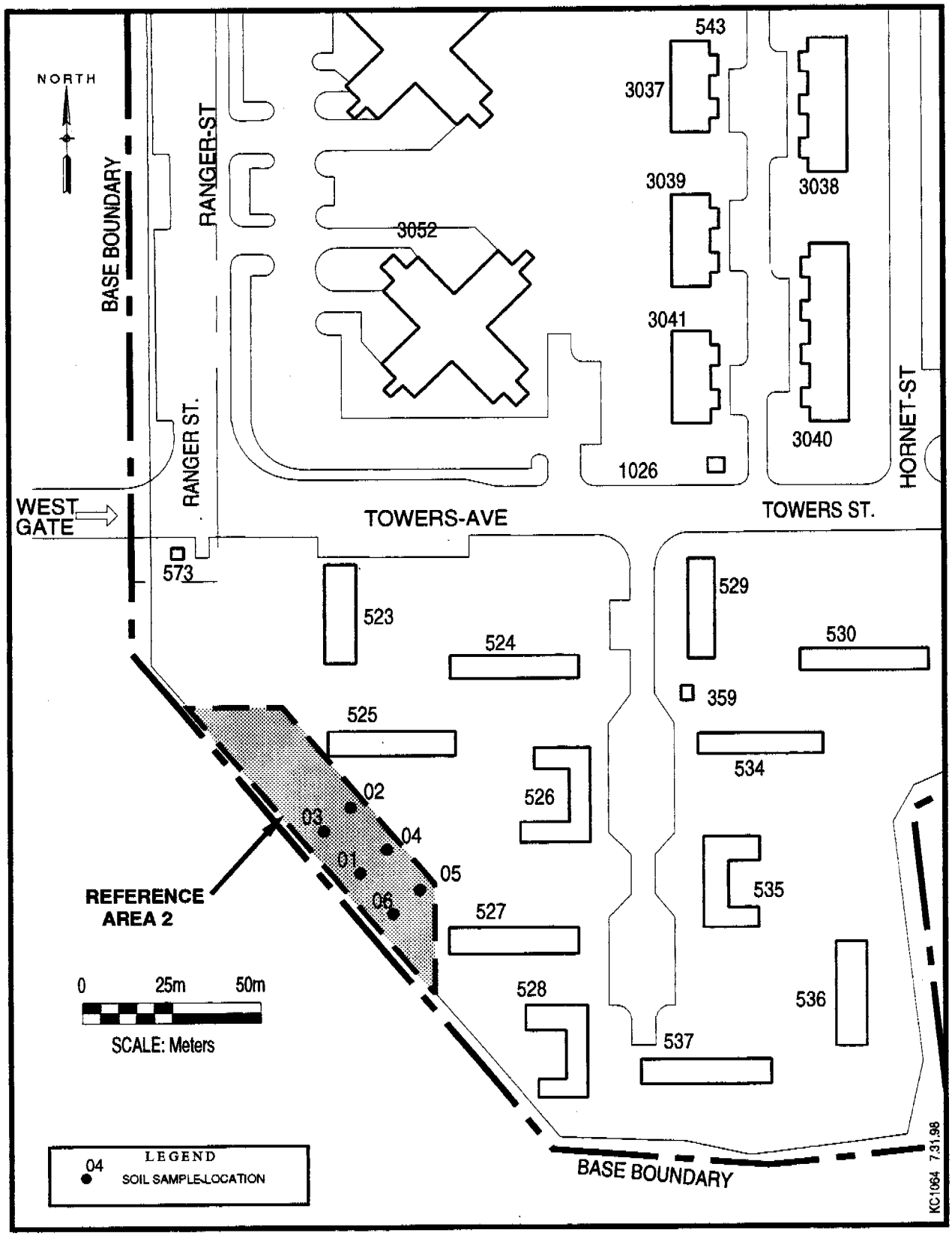


Figure 1-9. Site Map, Reference Area 2

assessment, the *Preliminary Human Health Risk Evaluation of the Jinkanpo Incineration Complex Activities* (NEHC, 1995), and formed the basis for the soil sample analytical program.

The soil sampling event described in this report focused on the previously listed three sensitive receptor AOCs, two potential reference areas, and multiple locations for defining the deposition trends of airborne contaminants across the base. Table 1-1 provides a breakout of the number of samples collected.

Table 1-1
Soil Samples Collected at NAF Atsugi, Japan

Sample Area	Surface Soil Samples	Subsurface Soil Samples	Total Field Samples
Specified Areas of Concern			
Child Development Center	8	4	12
Elementary School	8	4	12
Residential Housing Towers 3101 and 3102	12	4	16
Dispersion Trend Locations			
Ambient Air Monitoring Stations	3	3	6
Basewide	30	8	38
Potential Reference Locations (2)	12	6	18
Total Field Samples			**102**
Quality Control (QC) Samples[a]			
Field duplicates			11
Equipment Rinsates			11
Matrix Spikes (MS)			5
Matrix Spike Duplicates (MSD)			5
Field Blanks			1
Total QC Samples			33
Total Samples			**135**

[a] QC samples include approximately 10% field duplicates, 5% matrix spike (MS), 5% matrix spike duplicates (MSDs) (or 1 MS/MSD pair per twenty samples), one equipment blank per day, and one field blank.

During the sampling at the AOCs, eight surface soil (0 to 3 in.) samples were collected at the child development center and at the elementary school areas, and twelve surface soil samples were collected within the larger housing tower area. Four subsurface soil samples (3 to 12 in.), co-located with four of the surface samples, were also collected at each of the AOCs. Approximately half of the samples at each of these areas were collected at locations where people normally cluster, such as at the associated playground, outdoor eating, or common areas. The remaining samples were collected from areas where maximum deposition is expected and/or minimal soil disturbance has occurred. The NEHC is using the data from these samples to calculate risks at the AOCs. Additionally, the subsurface soil data will be examined for sig-

nificant differences in comparison to the surface samples for evaluation of surficial accumulation of airborne contaminants.

Sampling at each of the two potential reference areas consisted of collecting six surface and three subsurface samples. Representative data from these samples were used to make site-to-reference constituent comparisons.

To determine the deposition trends across NAF Atsugi, the base was divided into areas defined by seven radii starting at the Jinkanpo Incineration Complex and extending to the north, with transects at arbitrary distances of less than 300 m, 300 m to 800 m, 800 m to 1500 m, and greater than 1500 m from the complex. For trend analysis purposes, samples were collected from locations where the soil had not been recently disturbed (e.g., construction activities). Also, samples were collected from areas of potential sediment accumulation, areas of observed vegetation stress, and areas lacking evidence of erosion or ground cover, where possible. Sample locations were staked on a previous site visit (January 1998), on the basis of site characteristics and personnel interviews.

1.4 Report Organization

Section 1 has introduced the project and the rationale used to guide the soil sampling effort. Section 2 will present an overview of the sampling and analysis methodology and will describe difficulties encountered during the investigation. Section 3 will describe the data review and interpretation process. All findings will be summarized and presented graphically in Section 4. Section 5 will present conclusions and recommendations for further soil sampling.

2.0 Sampling and Analyses Methodology

Between 5 and 18 March 1998, 102 samples were collected from the surface and subsurface soils at NAF Atsugi. A plate-sized map showing all soil sample locations is provided in Appendix A, and photographs and descriptions of each sample location are presented in Appendix B. Appendix C contains of a table describing the soil sample ID, sample depth, soil type, and location coordinates for each sample. The following subsections describe the sampling, shipping, analytical, and data validation procedures used.

2.1 Sampling Procedures

Surface (0 to 3 in.) and subsurface (3 to 12 in.) soil samples were collected according to the following procedures:

1. The sample location surface was cleared of grass, rubble, and debris with a decontaminated trowel.

2a. For surface soil samples, a decontaminated stainless steel spoon was used to collect a sample from the 0 to 3 in. depth. To minimize disturbance of the sample, the sample was placed directly into the sample jars without mixing in a bowl. If the sample location required quality control (QC) splits, the proper volume of soil was collected to fill all sample containers, mixed in a decontaminated stainless steel bowl, and composited before placement into sample containers.

2b. For subsurface soil samples, a decontaminated stainless steel spoon was used to collect soil from the 3 to 12 in. interval. The proper amount of soil was collected to fill all required sample containers, including QC splits. The sample was mixed in a decontaminated, stainless steel bowl and placed into the sample containers.

3. Once all soil samples were placed in containers, the hole was backfilled using the remaining sample material and the surrounding soils.

4. Once sample labels were affixed to the containers, the samples were packed on ice to minimize biological activity and preserve the samples.

5. The sample tools were decontaminated as described in Section 2.1.2.

2.1.1 Lithologic Description

Soils from each sample location and interval were described using the Unified Soils Classification System (ASTM Designation D 2488-84: Standard Practice for Description and Identification of Soils [Visual-Manual Procedure]), a hand lens, and a Munsell color chart.

Several soil samples were also analyzed in the laboratory for ASTM D421/D422/D1140, Particle Size Distribution, and the results compared with the field classifications.

2.1.2 Sampling Equipment Decontamination

The decontamination (decon) procedure was performed immediately before each sample was collected. The procedure was also performed between co-located surface and subsurface samples to prevent cross-contamination from the surface to subsurface soil sample. The decon procedure was performed as follows:

1. Alconox wash using a decontaminated bucket and brushes;
2. Distilled water rinse, also using a decontaminated bucket and brushes;
3. Thorough reagent-grade water rinse; and
4. Air dry in an area that is free from obvious air contamination.

2.1.3 Waste Management

The only wastes that were generated during the field investigation were personal protective equipment (PPE) and decontamination fluids. PPE and other similar disposable items (e.g., paper towels) were placed in plastic trash bags and disposed with common trash at a NAF Atsugi trash collection bin.

2.2 Shipping Procedures

The shipping of samples from Japan to the United States required considerably more effort than intra-U.S. sampling requires. Fortunately, Federal Express was available at NAF Atsugi, which helped a great deal, and no major problems were encountered.

Two types of documentation were required in addition to the Federal Express international shipping waybill. The first of these was a U.S. Department of Agriculture Soil Permit. Copies of this permit (the original held by the laboratory) were provided by each of the environmental laboratories. The permits are required to alert customs officials that the soil being shipped to the laboratory is for environmental analysis and not for agricultural purposes (the concern being that pests or unwanted plants may be accidentally imported to the U.S.). A small copy was taped to the outside of each sample cooler, and an 8.5 x 11 in. copy was placed inside the cooler with the laboratory chain of custody. These copies are lab-specific; each laboratory had their own soil permit.

The second type of documentation was the customs declaration form. This form described exactly what was being shipped, what the item was for, where it came from, and its monetary value in U.S. dollars. The samples were given an arbitrary value of $1 each, and a statement was added to say that the samples were being shipped from Japan to the United States for environmental analysis. Five copies of this form were required and submitted to Federal Express along with the waybill.

2.3 Analytical Methods

Table 2-1 presents the area-by-area distribution of the various analyses performed on NAF Atsugi surface and subsurface soil (excluding QC) samples. GP Environmental Services, Inc. of Gaithersburg, Maryland performed all analyses other than those involving dioxins, which were analyzed by Triangle Laboratories of Durham, North Carolina.

2.4 Data Validation Procedures

The soil data for pesticides and polychlorinated bi-phenyls (PCBs), semivolatile organic compounds (SVOCs), and dioxins and furans were validated according to the USEPA *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, September 1994, as modified by EPA Region III, and the metals and cyanide data were validated according to the Region III *Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analysis*, April 1993. The data validation contractor was EcoChem Inc., Seattle, Washington. The data validation report is presented as Appendix D.

Overall, the data were within acceptance criteria and were fit for use. One systematic problem was noticed. The equipment blank samples for the pesticide/PCB and SVOC analyses were extracted outside of hold time for more than one sample delivery group (SDG). The samples were qualified as biased low. A number of dioxin and furan results were qualified as estimated because the concentrations in the sample were below the lowest calibration standard. This is not considered a systematic problem, but is presented for clarity.

2.5 Difficulties Encountered and Resolution

Various minor difficulties were encountered during the field program, most relating to the long distance between the site and the laboratories. Following is a discussion of these difficulties and their resolution.

Table 2-1
Analyses Performed on the March 1998 NAF Atsugi Soil Samples

Area	Type of Soil Sample	Analyses								
		OLM03.2, Semivolatile Organic Compounds	OLM03.2, Organochlorine Pesticides and PCBs	ILM04.4, Metals and Cyanide	SW8290, Polychlorinated Dibenzo-p-Dioxins and Furans	CLP, % Moisture	SW9045B, Soil pH	EPA Region III Mod. Method, Total Organic Carbon	E300.0/E353.1, Anions (F, Cl, NO_3, SO_4)	ASTM D421/D422/D1140, Particle Size Distribution
Child Development Center	Surface	8	8	8	8	8	8	1	1	1
	Subsurface	4	4	4	4	4	4	0	0	0
Elementary School	Surface	8	8	8	8	8	8	2	2	2
	Subsurface	4	4	4	4	4	4	0	0	0
Residential Towers	Surface	12	12	12	12	12	12	2	2	2
	Subsurface	4	4	4	4	4	4	0	0	0
Reference Area 1	Surface	6	6	6	6	6	6	6	6	1
	Subsurface	3	3	3	3	3	3	3	3	0
Reference Area 2	Surface	6	6	6	6	6	6	0	0	0
	Subsurface	3	3	3	3	3	3	1	1	1
Trend Locations	Surface	33	33	33	33	33	33	5	5	5
	Subsurface	11	11	11	11	11	11	1	1	1
Total		**102**	**102**	**102**	**102**	**102**	**102**	**21**	**21**	**13**

Surface – 0-3 in.

Subsurface – 3-12 in.

2.5.1 Shipping

Sample coolers had to contain fewer samples and more ice than usual to keep them cool for the long trip to the U.S. This required considerably longer sample preparation time. However, all coolers arrived within the temperature parameters assigned to the methods.

The Federal Express employee who picked up sample coolers at NAF Atsugi did not speak English. Since the sample crew did not speak Japanese, additional phone calls and tracking were necessary to ensure that the shipments arrived properly.

The hexane (to be used in the final step of decontamination) was lost en route from the U.S. to Japan. Calls to Federal Express revealed that the hexane arrived in Hong Kong, but was tied up in customs and could not be exported from Hong Kong. Therefore, this final step of the decontamination was omitted. Equipment blank data subsequently revealed that the omission of hexane did not cause significant carry-over problems.

2.5.2 Hold Times

Hold times were missed for a number of equipment blanks for SVOC and pesticide/PCB analysis. Additionally, hold times were missed for one SDG for SVOC analysis. Samples NA-TRND-SO01-01 through NA-TRND-SO15-01 were extracted five to eight days past the recommended holding time of 14 days. The equipment blanks will continue to be a problem because of the short hold time and the long shipping period. Since no target analytes were qualified based upon equipment blank data (even those extracted within hold times), it is recommended that equipment blanks not be collected during any subsequent soil sampling. To minimize the potential for equipment-related contamination, disposable sampling materials could be used. As for the samples extracted past hold times, the laboratory has been counseled that this was unacceptable.

2.5.3 Other Difficulties

The weather caused significant delays in the sampling trip. It snows or rains an average of 21 days in March in central Honshu. Both rain and snow events occurred at NAF Atsugi during the sampling event. Four sampling days were missed due to precipitation as the sampling team waited for conditions to dry before collecting samples.

Although field plotting of sample locations onto 1"=100' basemaps provided a high degree of accuracy [normally within 5 ft, which is better than most global positioning systems (GPS)], plotting the sample locations near the runway was difficult because there were few surface features, such as buildings or markers, to serve as reference points. However, considering the data quality objectives for the trend analysis, delineating these sample locations to within approximately 20 ft was considered more than adequate. Also, no professional surveying capabilities were identified at NAF Atsugi.

The language barrier provided minor difficulties throughout the sampling period. However, most personnel at NAF Atsugi spoke English.

3.0 Data Interpretation

This section presents the procedures used to interpret the data collected for the NAF Atsugi soil program.

3.1 Data Qualifiers

Table 3-1 presents the qualifiers applied to the laboratory data. EcoChem Inc., the data validation contractor, qualified the data according to the National Functional Guidelines. None of the data were invalidated.

Table 3-1
Data Validation Qualifiers

Data Qualifier	Explanation
B	Not detected substantially above the level reported in laboratory or field blanks.
J	Analyte present. Reported value may not be accurate or precise.
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
UJ	Not detected, quantitation limit may be inaccurate or imprecise.
UL	Not detected, quantitation limit is probably higher.

3.2 Statistical Approach

This section describes the statistical evaluation of the data collected during the March 1998 soil investigation at NAF Atsugi. Four steps were performed to help address the project objectives and to gain preliminary answers to the investigation questions (see Section 1.2), and to determine the amounts and types of additional soil data required to more completely address the questions. The four steps are as follows:

1) Determine whether reference concentrations can be established based on data collected during the March 1998 sampling round. Compute preliminary reference summary statistics and identify additional sampling needs to refine the reference concentration estimates.

2) For each AOC, determine whether any sample concentrations exceeded risk-based screening levels and/or reference concentrations. Compute preliminary summary statistics and identify any further sampling needs to better estimate risk at each AOC.

3) Determine whether any trends in soil concentrations are evident. Specifically, address whether concentrations are a function of distance and direction from the Jinkanpo Incineration Complex. Identify any additional sampling needs for the trend analysis.

4) Compare surface soil concentrations to subsurface soil concentrations to determine whether subsurface soil may be a useful indicator of reference concentrations and to assess whether trends in the surface soil are consistent with trends in the subsurface soil.

Section 3.2.1 discusses the statistical methodology applied to the reference data, Section 3.2.2 discusses the statistical evaluation of soil data at the AOCs, Section 3.2.3 discusses the graphical and statistical trend analysis methods, and Section 3.2.4 presents the methods used to evaluate whether surface and subsurface soil concentrations differ.

3.2.1 Reference Determination

Samples were collected from two areas thought to be minimally impacted by the operation of the Jinkanpo Incineration Complex. These two areas are labeled "Reference Area 1" and "Reference Area 2" on Figure 1-4, with exact sampling locations indicated on Figures 1-8 and 1-9. Reference Area 1 samples were taken from the western boundary of NAF Atsugi, just across from the ball fields located near Ranger Gym. Reference Area 2 samples were taken from the southwestern corner of the NAF Atsugi. From Figure 1-4, notice that Reference Area 1 is farther away from the Jinkanpo Incineration Complex than Reference Area 2. Graphical displays, outlier evaluations, and means comparisons were performed to determine whether one or both of these areas were minimally affected by the Jinkanpo Incineration Complex.

Graphical Analysis and Outlier Evaluation

Boxplots were constructed in order to graphically compare concentrations at the two potential reference areas to one another and to compare concentrations at these potential reference areas to concentrations at other sampling locations across the base. Separate boxplots were drawn for each analyte, for each of the following twelve groups of data:

- Reference Area 1, Surface and Subsurface
- Reference Area 2, Surface and Subsurface
- Child Development Center, Surface and Subsurface
- Elementary School, Surface and Subsurface

- Residential Towers, Surface and Subsurface
- Basewide Trend Samples, Surface and Subsurface

The twelve boxes were displayed side-by-side for a given analyte. Because some of the basewide trend sample concentrations were so large that the variability among the other datasets could not be distinguished with the basewide trend data included, a second set of boxplots also was constructed, with the basewide trend samples omitted.

Boxplots are useful graphical data displays because they illustrate the key features of the data and allow for quick comparisons among groups of data. An example boxplot is shown in Figure 3-1. For a given data set, the lower bound of each box is drawn at the 25th percentile and the upper bound is drawn at the 75th percentile, so that the middle 50% of the concentrations are contained within the range indicated by the length of the box. The distance from the 25th percentile to the 75th percentile is referred to as the interquartile range (IQR). A horizontal line drawn in the interior of each box represents the median (50th percentile) concentration. The "whiskers" extending from either end of the box represent the bottom 25% of the concentrations and the top 25% of the concentrations. The bottom whisker extends from the bottom of the box to the smallest result that is within 1.5 times the IQR below the bottom of the box. Any result smaller than the 25th percentile minus 1.5 times the IQR is considered a potential "outlier" and is indicated in the plot by an asterisk. The top whisker extends from the top of the box to the largest result that is within 1.5 times the IQR above the top of the box. Any result larger than the 75th percentile plus 1.5 times the IQR is considered a potential "outlier" and is indicated in the plot by an asterisk.

Key boxplots are shown in Section 4.2, where the results and conclusions of the reference determination are discussed. The remaining plots are provided in Appendix E. These plots were studied in order to visually assess whether the two potential reference areas differed from each other or from potentially affected locations across the base. The boxplots also were useful in identifying anomalous data values (outliers). In the context of defining reference areas, identifying outliers is important because an anomalously large concentration in a potential reference area could indicate that at least one location within the area has been affected, and it may not be appropriate to consider the area as a reference area.

Means Comparisons

In addition to visual comparisons and outlier evaluations facilitated by the boxplots, statistical means comparisons were performed for each constituent. The surface soil means

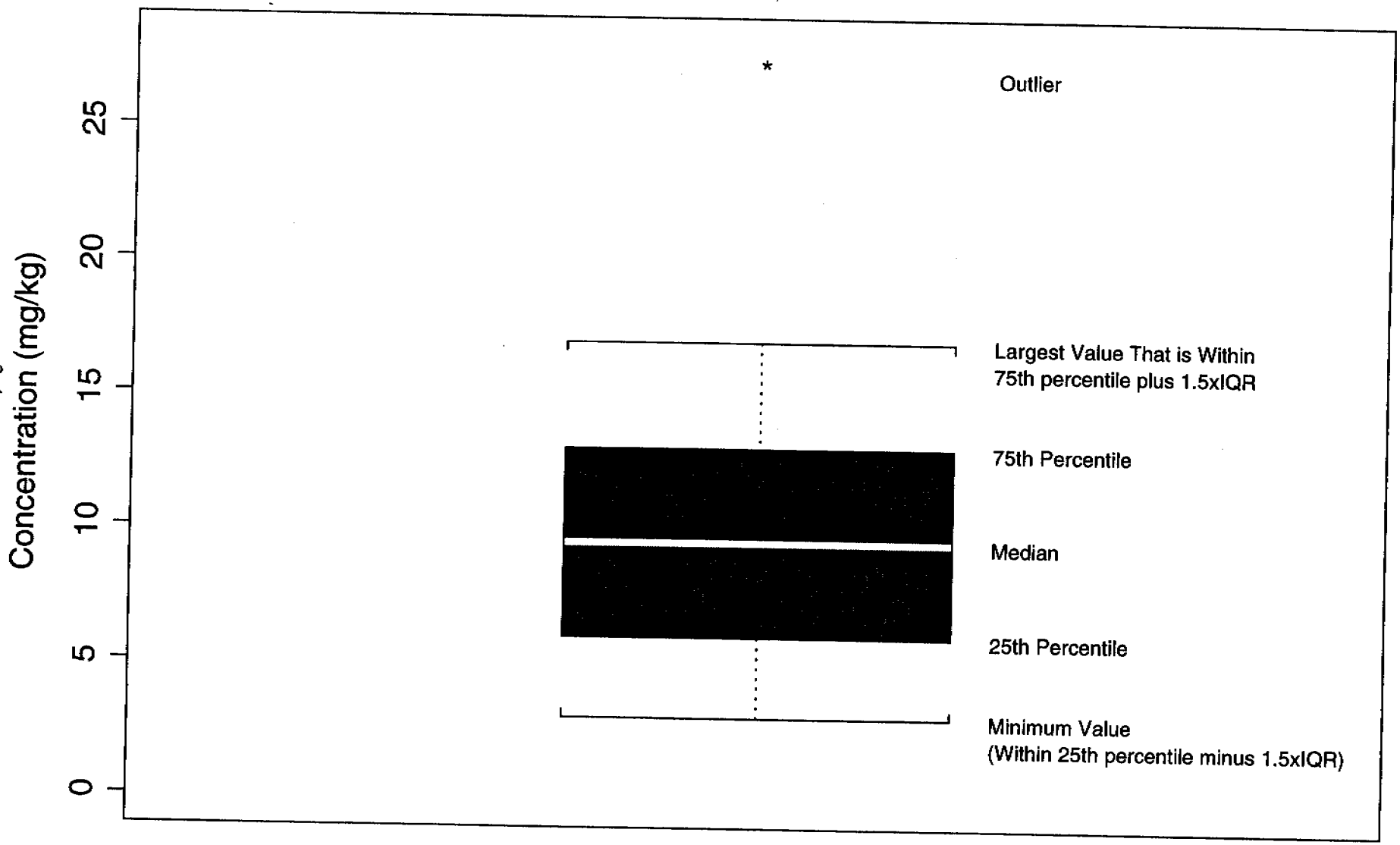


Figure 3-1. Boxplot Description

for Reference Area 1 were compared to the surface soil means for Reference Area 2. and the subsurface soil means for Reference Area 1 were compared to the subsurface soil means for Reference Area 2.

Before performing means comparisons, statistical assumptions were checked. The data were evaluated with the Shapiro-Wilk test to determine if the data sets were normally distributed, log-normally distributed, or neither. Conclusions of this test were used to determine an appropriate method for comparing potentially affected area results to reference results. An alpha level of 0.05 was used to determine significance for the test of normality and log-normality.

For a given constituent and depth, if the Shapiro-Wilk tests for normality for both potential reference areas indicated that the data were reasonably consistent with a normal distribution, the parametric Student's t-test was used to compare means. If the tests for normality indicated that the data for either of the two potential reference areas were not consistent with a normal distribution, the Shapiro-Wilk test was performed on the logs of the data to test for lognormality. If this test for both the potential reference areas indicated that the data were consistent with a log-normal distribution for both reference areas, the parametric Student's t-test was used to compare means of the log-transformed data. Otherwise, the non-parametric Wilcoxon Rank-Sum test was used to compare central tendencies.

The parametric t-test is preferable to the non-parametric Wilcoxon test because it can achieve higher power and confidence with fewer samples. However, for small sample sizes (less than 30), the parametric test should not be used if the basic assumption of normality is not met. The Wilcoxon Rank-Sum test compares the central tendency of the two potential reference areas by comparing the average rank for Reference Area 1 to the average rank for Reference Area 2. This test was performed by first combining the Reference Area 1 and the Reference Area 2 data sets for the given constituent and depth. The complete set of concentrations was then sorted in increasing order. The rank of a value was its position in the combined data set (lowest = 1, second-lowest = 2, etc.). The average rank for the values corresponding to the Reference Area 1 data was then compared to the average rank for the Reference Area 2 data. If the second was measurably larger or smaller than the first according to the non-parametric test, then one would conclude that concentrations tend to be higher or lower at Reference Area 1 than at Reference Area 2. Thus, the comparison was made based on the ranks of the data, and it was not necessary for the concentrations of the two areas to follow the same distribution (as is the case for parametric procedures).

An alpha level of 0.05 was used to determine significance for all statistical tests, and a two-tailed approach was used. That is, the two means were assumed to be equal unless the data provided "strong" evidence that this was not a reasonable assumption, where strong evidence is defined as an absolute difference that has less than a 5% chance of having been obtained just due to chance alone. The results of the means comparisons are presented in Section 4.2. The means comparisons and the graphical evaluations were considered together to draw conclusions about the reference areas. These conclusions also are presented in Section 4.2.

3.2.2 AOC Approach

Ultimately risk may be assessed at each AOC, and the soil data will be included in the assessment process. For this stage of the data evaluation, comparisons to reference and risk-based concentrations were performed for each AOC to gain information about potential contaminants at each AOC and to determine whether any additional data should be collected to support a risk assessment.

Comparisons to Risk-Based Concentrations

For each AOC, concentrations of Contract Laboratory Program (CLP) target compounds were compared to human health RBSLs for residential soils. The RBSLs were derived from EPA Region III RBCs for residential soils (April 15, 1998 update) and a hazard quotient of 0.1. Therefore, RBSLs are EPA Region III residential soil RBCs for carcinogenic compounds, and RBCs divided by a factor of 10 for non-carcinogenic compounds. A complete tabulation of the soil sample results versus the industrial and residential RBCs is presented in Appendix F and the comparisons are summarized in Section 4.

Comparisons to Reference Concentrations

In addition to comparing soil concentrations to RBSLs, comparisons between concentrations observed at each AOC and the reference concentrations were performed. Two types of statistical comparisons were used to compare AOC results to reference results. Tests of central tendency (means comparisons) were used to determine whether average site concentrations were greater than average reference concentrations. In addition, individual site results were compared to 95%/95% upper tolerance limits (UTLs) for reference.

The means comparisons were performed after first testing the statistical distribution. As described above in Section 3.2.1, for a given constituent and depth, the parametric Student's t-test was used to compare means if the Shapiro-Wilk tests for both the AOC and the reference area indicated that the data were consistent with a normal distribution. The parametric Student's

t-test was used to compare means of the log data if the Shapiro-Wilk tests for both the AOC and the reference area indicated that the data were consistent with a log-normal distribution. Otherwise, the non-parametric Wilcoxon Rank-Sum test was used to compare central tendencies.

An alpha level of 0.05 was used to determine significance for the comparisons, and a one-tailed test was applied. That is, the AOC mean was assumed to be no greater than the reference mean unless the data provided "strong" evidence that this was not a reasonable assumption, where strong evidence is defined as a difference (in the direction of an AOC mean greater than a reference mean) that has less than a 5% chance of having been obtained by random chance.

Along with the means comparison, a power analysis was performed. With any statistical test, there is some chance that an incorrect conclusion may be drawn. In particular, strong evidence that the AOC mean really exceeds the reference mean is required before that conclusion is drawn with statistical significance. There is some chance that the AOC mean exceeds the reference mean by some small amount, but the data may not provide evidence that is considered sufficiently strong by the statistical test. Thus, the test may erroneously lead to the conclusion that there is no difference. The power of a means comparison is defined as the probability that the statistical test will lead to the correct conclusion if the AOC mean really exceeds the reference mean by some given amount.

Power is a function of the sample size, the variability in the data, and the amount by which the AOC mean really exceeds the reference mean. Intuitively, the larger the sample size, the less the variability, and the greater the difference between the two means, the better the chance to reach the correct conclusion. For this study, the power to achieve a difference of 50% was computed for each AOC, constituent and depth. These results were examined to determine whether more reference and/or AOC data were required.

In addition to comparing the mean, which represents the average or typical exposure at an AOC, it is important not to overlook cases in which one AOC concentration is appreciably different from reference concentrations. When this occurs, comparison of this single anomalous result to a reference UTL offers an approach for evaluating it separately and, for example, deciding if that location should be investigated in greater detail. The reference UTL represents an upper limit for background concentrations. Specifically, a parametric (normal or log-normal) UTL is a 95% upper confidence limit for the 95th percentile of all reference concentrations. That is, one can be 95% certain that 95% of all reference concentrations are below that point. A non-parametric UTL has the same interpretation but the coverage (i.e., the percentile) is a function of

the sample size. If an AOC sample concentration exceeds the reference UTL, then it could be simply an unusually large concentration from an area that is equivalent to the reference area. However, because that is very unlikely, an exceedence is taken as evidence that the location is significantly different than the reference area (possibly due to a contaminant source).

UTLs for the reference area were calculated using the equation for normally distributed data for those compounds where the Shapiro-Wilk test for normality indicated that the reference data were reasonably consistent with a normal distribution. The normal UTL was calculated using the following equation:

$$UTL = \bar{x} + (K \times s)$$

where $\bar{x}$ is the estimated sample mean, K is the tolerance factor, and s is the estimated sample standard deviation. Normal UTLs were calculated for a coverage of 95% (i.e., the 95th percentile) with 95% confidence. For compounds that were found to be inconsistent with a normal distribution but were consistent with a log-normal distribution, a log-normal UTL was calculated using the following equation:

$$UTL = \exp\left[\bar{x} + (K \times s)\right]$$

where $\bar{x}$ is the estimated mean of the log-transformed sample data, K is the tolerance factor, and s is the estimated standard deviation of the log-transformed sample data. Log-normal UTLs were calculated for a coverage of 95% with 95% confidence.

For data sets that are neither normally nor log-normally distributed, non-parametric UTLs were calculated. The non-parametric UTL is simply the maximum reported value (if the sample size is less than 60). However, coverage for non-parametric UTLs is a function of the sample size and may be less than the coverage of 95% used for the normal or log-normal UTLs.

3.2.3 Trend Analysis

Sample results corresponding to the locations listed in Table 3-2 were included in the trend analysis. This list is comprised of all of the samples that were collected across the NAF, except for those AOC samples taken from areas where the soil is likely to have been disturbed (i.e., imported, recently altered). For example, in the Child Development Center, data were collected from areas such as the sandbox, where the material is replaced periodically. In such areas, less air-borne deposition is expected, and including those samples in the trend analysis may misrepresent the pattern of deposition from the Jinkanpo Incineration Complex.

Table 3-2
Samples Included in Trend Analysis

Area	Samples Included in Trend Analysis	
Child Development Center	DVCT-SO08	
Elementary School	ELEM-SO03	ELEM-SO07
	ELEM-SO04	ELEM-SO08
Reference Area 1	REF1-SO01	REF1-SO04
	REF1-SO02	REF1-SO05
	REF1-SO03	REF1-SO06
Reference Area 2	REF2-SO01	REF2-SO04
	REF2-SO02	REF2-SO05
	REF2-SO03	REF2-SO06
Residential Towers	TOWR-SO01	TOWR-SO03
	TOWR-SO02	
Basewide Trend Samples	TRND-SO01	TRND-SO18
	TRND-SO02	TRND-SO19
	TRND-SO03	TRND-SO20
	TRND-SO04	TRND-SO21
	TRND-SO05	TRND-SO22
	TRND-SO06	TRND-SO23
	TRND-SO07	TRND-SO24
	TRND-SO08	TRND-SO25
	TRND-SO09	TRND-SO26
	TRND-SO10	TRND-SO27
	TRND-SO11	TRND-SO28
	TRND-SO12	TRND-SO29
	TRND-SO13	TRND-SO30
	TRND-SO14	TRND-SO31
	TRND-SO15	TRND-SO32
	TRND-SO16	TRND-SO33
	TRND-SO17	

For each CLP compound where at least one sample concentration exceeded the RBSL, spatial maps of concentrations were constructed and evaluated to assess whether potential soil contamination appears to be related with respect to direction and distance from the Jinkanpo Incineration Complex. Based on measured concentrations at sampled locations, concentrations at unsampled locations were interpolated for surface and subsurface soil (separately). For each constituent and depth, a separate distribution map was constructed. Light shading indicates the lowest observed concentrations for a given depth and analyte, and dark shading indicates the higher concentrations. On each map contour lines are overlain, indicating where concentrations exceed RBSLs. Splus® software was used to generate the spatial distribution maps.

In addition to performing trend analysis for every CLP compound where at least one sample result exceeded the RBSL, a toxicity equivalency (TEQ) was computed to describe the cumulative toxicity of the mixture of multiple (17) congeners with dioxin-like toxicity. Concentrations of each of seventeen congeners was multiplied by the conventionally-adopted toxicity equivalency factor (TEF) (U.S. EPA, 1989, Ahlborg, et.al., 1994) shown in Table 3-3. The sum of the weighted concentrations is the TEQ value. For risk evaluation purposes, this value can be compared to the RBSL for 2,3,7,8-TCDD. Spatial maps for TEQ were constructed along with the spatial maps for the CLP compounds. The maps were studied to assess whether contamination patterns appear to be related to the Jinkanpo Incineration Complex and to identify whether any additional data should be collected to study soil deposition. Key maps and the results of this evaluation are shown in Section 4.4.2. Spatial distribution maps for all other compounds are provided in Appendix G.

Table 3-3
Toxicity Equivalency Factors

Class	Congener	Toxic Equivalency Factor
CDDs	2,3,7,8-TCDD	1.0
	1,2,3,7,8-PCDD	0.5
	1,2,3,4,7,8-HxCDD	0.1
	1,2,3,6,7,8-HxCDD	0.1
	1,2,3,7,8,9-HxCDD	0.1
	1,2,3,4,7,8,9-HpCDD	0.01
	OCDD	0.001
CDFs	2,3,7,8-TCDF	0.1
	1,2,3,7,8-PCDF	0.05
	2,3,4,7,8-PCDF	0.5
	1,2,3,4,7,8-HxCDF	0.1
	1,2,3,6,7,8-HxCDF	0.1
	1,2,3,7,8,9-HxCDF	0.1
	2,3,4,6,7,8-HxCDF	0.1
	1,2,3,4,6,7,8-HpCDF	0.01
	1,2,3,4,7,8,9-HpCDF	0.01
	OCDF	0.001

3.2.4 Surface versus Subsurface Soil

Both surface and subsurface soil samples were collected across the base. Within each AOC, qualitative comparisons between the concentrations at the two depths were performed to gain a preliminary understanding of variation with depth. Similarly, the spatial pattern of con-

centrations in the surface and subsurface soil were compared qualitatively to evaluate the depth of potential contamination.

Additionally, investigators were interested in determining whether concentrations in the subsurface soil could be used as reference concentrations for evaluating whether the surface soil had been affected. The rationale behind this question was that deposition from the Jinkanpo Incineration Complex may have only affected the surface soil or minimally affected subsurface soils. Thus, concentrations in the subsurface soil may represent naturally-occurring concentrations or concentrations due to sources other than the Jinkanpo Incineration Complex.

The qualitative comparisons between the spatial maps for surface and subsurface soil provided one method for addressing this question. Specifically, if a strong trend in concentrations away from the Jinkanpo Incineration Complex had been observed in the surface soil, but no trends were observed in the subsurface soil, then this may have provided some evidence to support the use of subsurface concentrations as reference.

In addition to the comparisons of the trend maps for the two depths, direct comparisons were made between the surface and subsurface concentrations for cases where samples were collected from both depths at a single location. For each CLP compound, a scatterplot of the surface concentrations versus the subsurface concentrations was constructed to assess the relationship (contained in Appendix E). Only the samples that are listed in Table 3-2 were included in this evaluation because the relationship between surface and subsurface concentrations for samples taken from areas such as the playground sandboxes would likely differ from the relationship at areas where the surface soil is not frequently disturbed or replaced. The results of this analysis are presented in Section 4.5.

4.0 Results of Investigation

This section provides the results for all geotechnical and analytical results for soil samples collected at NAF Atsugi. Analytical results are presented by contaminant class and depth, in sections that correspond to AOCs and potential reference areas. The results of the trend analysis are also discussed. The analytical results for all soil samples are contained in Appendix H.

4.1 Soil Types and Geotechnical Results

There were primarily two soils types encountered during sampling at NAF Atsugi. In undisturbed areas, the soil was typically described as a very dark brown (Munsull color 10YR2/2) to black (10YR2/1) organic silt (OL). In play areas which contained imported materials, the soil was typically described as an olive brown (2.5YR4/3) to dark olive gray (5Y3/2) sand (SW). The silt varied in organic content (typically plant material in various stages of decomposition), was in some instances similar to peat, and typically had less than 20% clay composition. The sand was poorly sorted and mainly medium grained.

In general, there were no significant variations in soil type encountered in the upper 12 in. Exceptions to this were locations where imported sand was sampled in the upper 3 in. and the deeper, subsurface sample (3-12 in.) was collected in the native organic silt. Thus, when comparing constituent results from surface and subsurface intervals, it is unlikely that variations are significantly influenced by soil type. This is especially true for the two potential reference areas and the basewide trend locations, where there were no samples collected in play areas with imported sand.

The results of the geotechnical analyses are provided in Appendix I. There were 13 field and 2 duplicate samples collected for particle size analyses by ASTM D421/D422/ D1140 methodology. Eleven of these were surface soils, and two were from the subsurface interval. In general, the particle size and hydrometer analyses resulted in a higher percentage of sand-sized particles than the field-described silts. This could be the result of an often-encountered thin sand cover (especially in play areas) being mixed in with the native soil, or the organic content of the silt being sieved out in the sand fraction.

4.2 Reference Determination

Section 3.2.1 explains the details of the graphical and statistical methodology used to evaluate whether one or both of the potential reference areas appears to be minimally affected by the

by the Jinkanpo Incineration Complex. This section presents the results of the evaluation. In general, the graphical evaluations and means comparisons showed that the concentrations of target compounds found at Reference Area 1 were, on average, lower than those found in the soils from Reference Area 2. Therefore, only Reference Area 1 data were used to generate reference soil UTLs for surface soils and subsurface soils. The following discussion provides the details justifying this decision.

Figures 4-1 and 4-2 show the boxplots for arsenic and 1,2,3,4,6,7,8,9-OCDD, respectively. These compounds were selected because they are representative of the general patterns observed for most CLP compounds. Boxplots for the remaining inorganic and semivolatile compounds and dioxins are included in Appendix E. No boxplots for pesticides are included because pesticide concentrations did not exceed RBSLs.

Note in Figures 4-1 and 4-2 that all concentrations observed in the two potential reference areas are substantially lower than the largest concentrations observed across the entire base. In general, the largest concentrations of contaminants were seen in the immediate proximity of the Jinkanpo Incineration Complex at locations that were sampled specifically for the trend analysis. These locations are discussed further in Section 4.4. In general, the presence of elevated concentrations in samples collected near the Jinkanpo Incineration Complex suggests that the soil in the area has been affected. Although it is impossible to conclude that the two potential reference areas have not been affected by the Jinkanpo Incineration Complex, the fact that all reference concentrations are so much lower (see boxplots in Appendix E) than the most highly affected areas suggests that the reference areas have been affected to a smaller degree than other areas sampled at the base.

In Figures 4-1 and 4-2, the second set of boxplots show the reference area concentrations and the AOC concentrations only. These boxplots with the trend samples omitted allow for a better comparison of concentrations between the two potential reference areas and among the reference areas and the AOCs. Note that the boxplots for Reference Area 2 are, in general, shifted above the boxplots for Reference Area 1. In fact, for aluminum, the Reference Area 2 boxplots are shifted above the boxplots for most of the AOCs. While these observations do not prove that concentrations at Reference Area 2 are not naturally occurring or are due to causes other than the Jinkanpo Incineration Complex, they do bring up questions concerning the validity of the use of Reference Area 2 to establish reference concentrations.

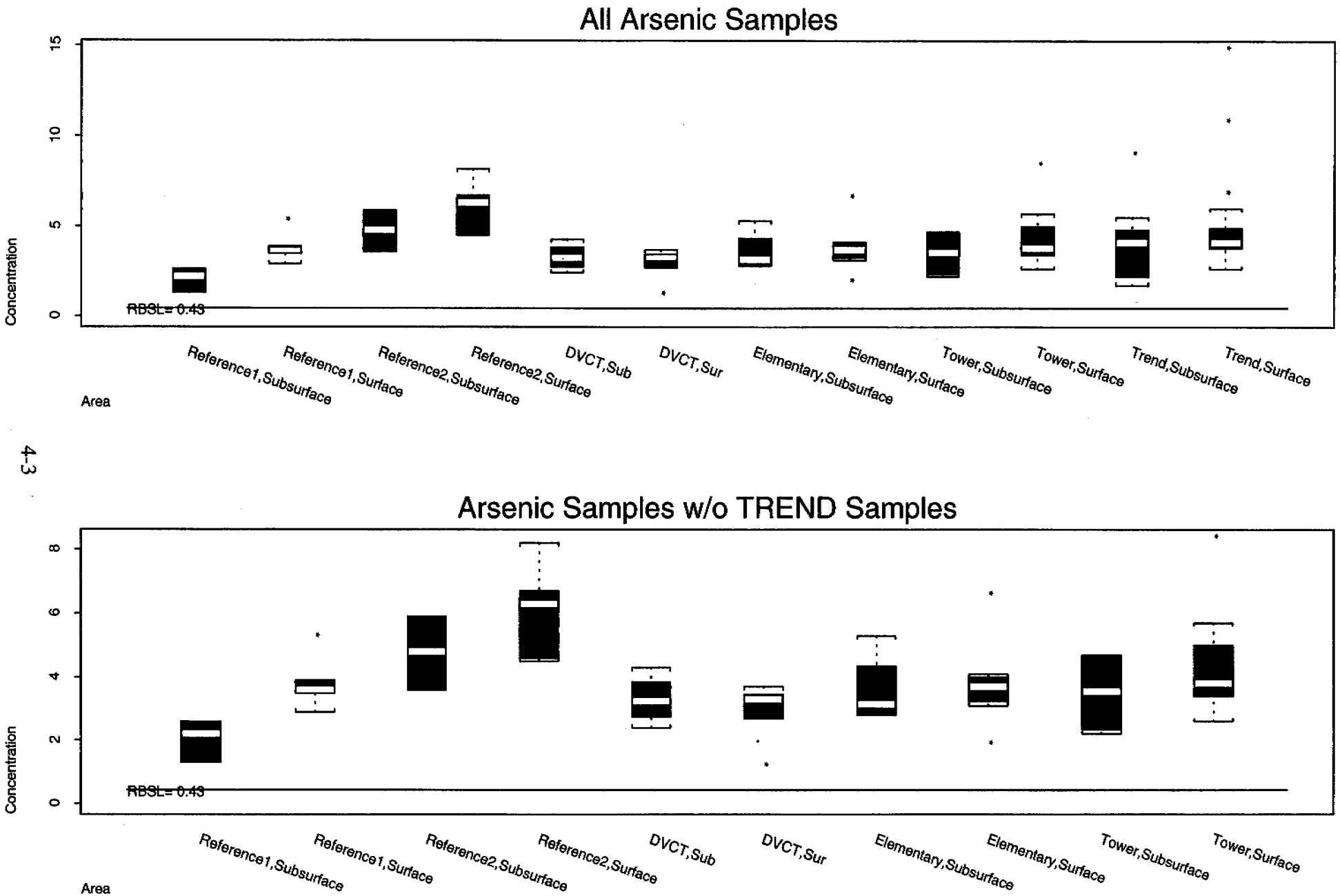
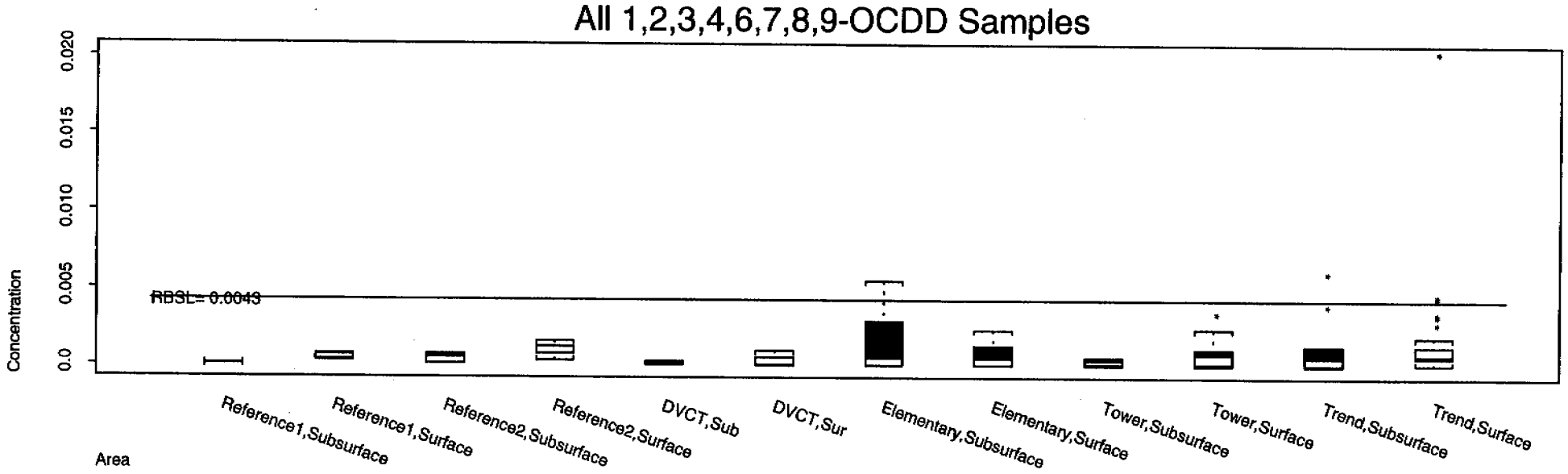


Figure 4-1. Boxplots for Arsenic



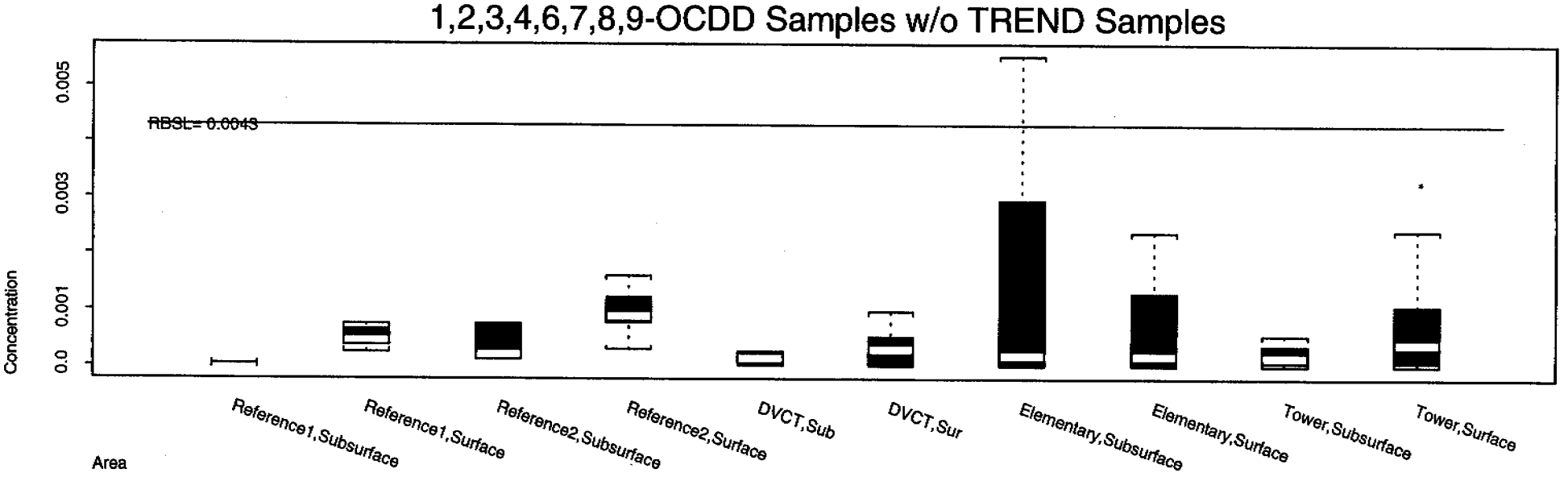


Figure 4-2. Boxplots for 1,2,3,46,7,8,9-OCDD

The results of the means comparisons between the two areas are tabulated in Appendix E. Reference Area 2 surface soil means were significantly higher than Reference Area 1 means for the following compounds: 1,2,3,7,8,9-HxCDD, aluminum, arsenic, cadmium, chromium, cobalt, copper, iron, manganese, vanadium and zinc. Reference Area 1 surface soil means significantly exceeded Reference Area 2 means only for the following compounds: calcium, magnesium and sodium. For the remaining analytes in the surface soil and for all analytes in the subsurface soil, a significant difference was not found. However, in most cases where a significant difference was not found, the average concentration at Reference Area 2 exceeded the average concentration at Reference Area 1. For subsurface soil in particular, the lack of statistical significance is most likely due to low power. (Power is the likelihood that a statistically significant difference will be found if a difference really is present.) In general, the means comparisons suggest that Reference Area 2 concentrations are, on average, higher than Reference Area 1 concentrations.

In conclusion, it appears more likely that Reference Area 2 has been affected by the Jinkanpo Incineration Complex, or other sources, than Reference Area 1. Furthermore, the statistical comparisons indicate that combining the concentrations across the two areas to establish reference concentrations would involve combining data across two statistically distinct populations, but would require treating the data as if they came from a single population. To avoid such problems and to establish conservative reference concentrations, reference statistics were computed based on Reference Area 1 data only.

The UTLs are tabulated in Appendix E. For subsurface soils, only three sample results were available. Because no tests for normality or log-normality could be performed with only three data values, non-parametric UTLs were computed in every case. That is, the largest observed concentration was taken as the UTL. With only three data values, the largest concentration is likely to underestimate the upper extremes of reference concentrations. At the 95% confidence level, coverage of a non-parametric UTL based on three data values is only 37%. That is, one can be 95% certain that at least 37% of all reference concentrations fall below the UTL. This is much lower than the usual coverage of 95%. The result is that, when comparing AOC concentrations to the subsurface soil reference UTL, it is likely that more concentrations will exceed the UTL than they would with a UTL based on more data. This is a data gap that is discussed in greater detail in Section 5.

For surface soils, six reference data values were available. In these cases, tests of normality were performed, but no tests of log-normality were performed (due to small sample size). If

the data were consistent with a normal distribution, then a normal UTL was computed. These UTLs have the usual 95% coverage. If the data were not consistent with a normal distribution, a non-parametric UTL was computed. The coverage for a non-parametric UTL based on six data values is 61%. Non-parametric UTLs were computed for only three (antimony, beryllium, and silver) of the inorganic constituents, which are the constituents that are typically screened by comparisons to reference concentrations in a risk assessment. Although the data gap for surface soil is not as extreme as for subsurface soil, collecting additional surface soil reference data will increase the ability to discern whether AOC concentrations exceed reference levels. This is discussed further in Section 5.

4.3 AOC and Reference Area Soil Results

The results for the soil investigation at the Child Development Center, Elementary School, Residential Towers, Reference Area 1, and Reference Area 2 are discussed in the following subsections.

Surface soil and subsurface soil samples were collected from each of these sites. These samples were analyzed for moisture, CLP SVOCs, CLP organochlorine pesticides and PCBs, CLP metals (including cyanide), and polychlorinated dibenzo-p-dioxins and -furans (PCDDs and PCDFs). A subset of these samples were also analyzed for anions (chloride, fluoride, sulfate, and nitrate), pH, total organic carbon (TOC), and particle size distribution (PSD). The number of samples and analyses performed on samples from each site were shown in Table 2-1.

In order to focus discussions on significant analytical results from the AOCs, this section focuses on results for CLP target compounds present at concentrations greater than human health RBSLs for residential soils. The RBSLs were derived from EPA Region III RBCs for residential soils (April 15, 1998 update) and a hazard quotient of 0.1. Therefore, RBSLs are EPA Region III residential soil RBCs for carcinogenic compounds, and RBCs divided by a factor of 10 for non-carcinogenic compounds. A complete tabulation of the soil sample results versus the industrial and residential RBCs are presented in Appendix F.

The tables for this section present only data for compounds found at an AOC at concentrations exceeding the RBSLs. The corresponding reference UTLs are also included in these tables. The associated text will indicate which, if any, of these compounds were present at the site at concentrations that are significantly different from the mean concentrations in the Reference Area 1 samples. For target compounds not listed on the EPA Region III RBC table, a proxy

compound was identified and its RBC used to compare to the site results when appropriate. When no proxy RBC was available, the compound was retained in the summary tables and compared to reference UTLs. Compounds without RBSLs or proxy values include: total dioxin and total furan congener classes (U.S. EPA, January 1998), calcium, magnesium, potassium, and sodium.

The figures for this section present data for compounds found in concentrations exceeding the RBSL in at least one sample from the site. To keep the discussion focused and relevant to the nature and extent of potential site contamination, only the results for the toxic PCDD and PCDF congeners (U.S. EPA, January 1998) will be presented in these figures. Additionally results for the essential nutrients—calcium, magnesium, potassium, and sodium—may be discussed in the text, but are not included in these figures.

4.3.1 Child Development Center

Eight surface soil and four subsurface soil samples were collected from the grounds of the Child Development Center. A summary of the results for target compounds present in these samples at concentrations greater than the human health RBSLs for residential soil and the associated reference UTLs are presented in Tables 4-1 and 4-2. The results for compounds exceeding the RBSLs in at least one soil sample from the site are presented in Figures 4-3 and 4-4. Generally, concentrations of organic compounds decreased with depth while inorganic compound concentrations increased with depth.

Surface Soil

Only two of the toxic PCDD/PCDF congeners were found in the in surface soil sampled at the Child Development Center at concentrations exceeding the respective RBSLs. The surface soil from location SO02, sampled under the rain gutter located on the west side of Building 291, contained 44.3 ng/kg 1,2,3,4,7,8-HxCDF, exceeding the RBSL of 43.0 ng/kg. The surface soil from locations SO02 and SO08 (native soil sampled southeast of Building 291) contained from 13.3 to 15.4 ng/kg 2,3,4,7,8-PeCDF, exceeding the RBSL of 8.6 ng/kg. Each of these toxic isomers were present below the corresponding reference UTLs of 97.8 ng/kg for 1,2,3,4,7,8-HxCDF and 37.4 ng/kg for 2,3,4,7,8-PeCDF. The means comparison showed that the concentration of PCDDs and PCDFs in the surface soils from the Child Development Center were not significantly different than those found in the Reference Area 1 surface soils. In fact, the mean concen-

Table 4-1
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Child Development Center

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,7,8-HxCDF	8/8	0.770 J – 44.3	SO02-01	43	1	97.8	0
2,3,4,7,8-PeCDF	6/8	3.10 J – 15.4	SO02-01	8.6	2	37.4	0
Total HxCDD	7/8	2.00 – 161	SO08-01	NA[c]	-	362	0
Total HxCDF	8/8	1.70 – 215	SO08-01	NA[c]	-	535	0
Total PeCDD	8/8	0.780 - 633	SO08-01	NA[c]	-	205	1
Total PeCDF	8/8	0.850 - 216	SO08-01	NA[c]	-	608	0
Total TCDD	7/8	0.810 – 3330 J	SO08-01	NA[c]	-	152	1
Total TCDF	8/8	0.690- 284	SO08-01	NA[c]	-	522	0
ILMO4.0, CLP Metals, mg/kg							
Aluminum	8/8	7,240 – 44,000	SO08-01	7,800	7	74,000	0
Arsenic	8/8	1.10 – 3.70	SO08-01	0.43	8	6.64	0
Calcium	8/8	4,520 – 12,200	SO04-01	NA	-	15,400	0
Iron	8/8	6,130 – 38,700	SO08-01	2,300	8	60,600	0
Magnesium	8/8	1,420 – 7,400	SO08-01	NA	-	12,400	0
Manganese	8/8	89.2 – 767	SO08-01	160	6	1,050	0
Potassium	8/8	309 – 1,000	SO08-01	NA	-	643	4
Sodium	8/8	340 – 1,200	SO01-31	NA	-	2,430	0
Thallium	2/8	0.600 L – 0.790	SO01-31	0.55	2	1.82	0
Vanadium	8/8	19.1 – 151	SO08-01	55	4	268	0

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

Table 4-2
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Child Development Center

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
Total TCDD	4/4	3.40 - 8.20	SO01-02	NA[c]	-	2.3	4
ILMO4.0, CLP Metals, mg/kg							
Aluminum	4/4	22,700 – 60,300	SO05-02	7,800	4	57,700	1
Arsenic	4/4	2.40 – 4.30	SO07-02	0.43	4	2.60	3
Calcium	4/4	10,900 – 27,000	SO03-02	NA	-	11,600	3
Iron	4/4	17,200 – 50,100	SO05-02	2,300	4	51,800	0
Magnesium	4/4	5,210 – 9,810	SO05-02	NA	-	12,200	0
Manganese	4/4	283 – 939	SO05-02	160	4	890	1
Potassium	4/4	382 – 1,370	SO07-02	NA	-	285	4
Sodium	4/4	1,480 – 2,100	SO01-02	NA	-	2,030	1
Thallium	4/4	0.580 – 2.40	SO05-02	0.55	4	1.70	3
Vanadium	4/4	56.1 – 207	SO05-02	55	4	219	0

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

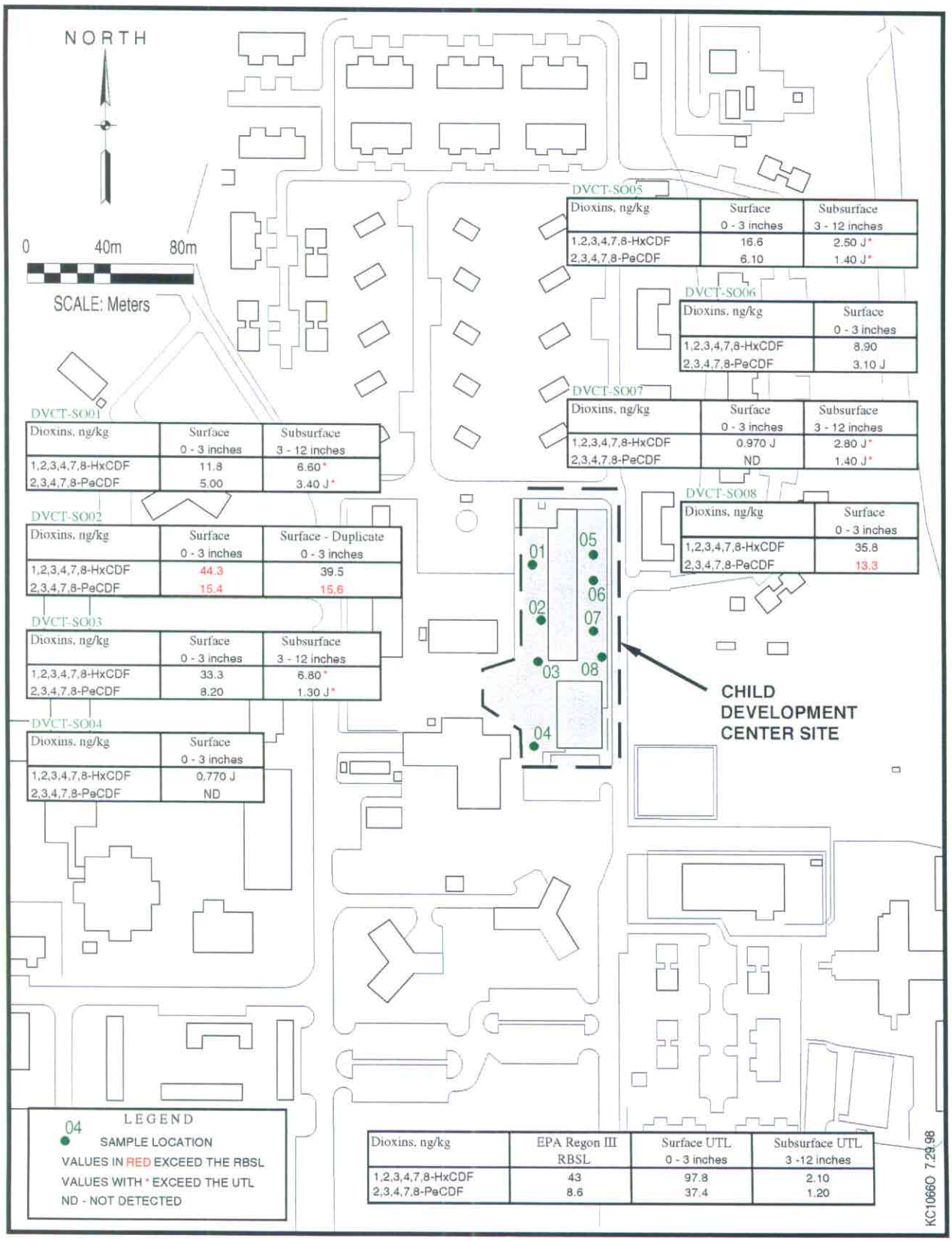


Figure 4-3. Organic Results for the Child Development Center Site

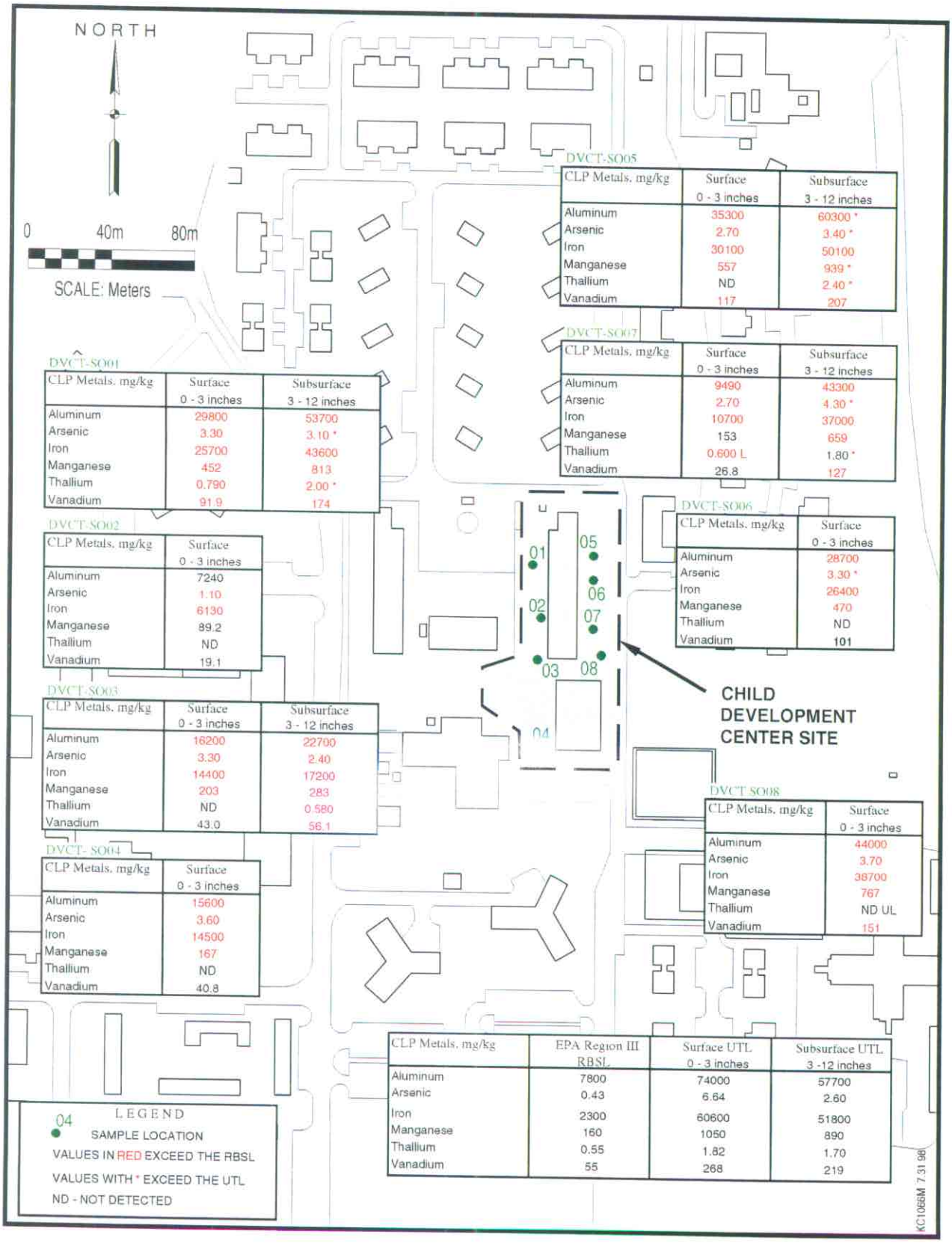


Figure 4-4. Inorganic Results for the Child Development Site

trations at the Child Development Center for these compounds were consistently lower than the reference means, so it is unlikely that the lack of significance is due to low power.

The surface soils contained up to 44,000 mg/kg aluminum, 3.70 mg/kg arsenic, 38,700 mg/kg iron, 767 mg/kg manganese, 0.790 mg/kg thallium, and 151 mg/kg vanadium. Each of these metals were present in at least two surface soil samples at concentrations exceeding the respective RBSLs, but below the corresponding reference UTLs. The means comparison showed that, with the exception of potassium, the concentration of metals in the surface soils from the Child Development Center were not significantly different than those found in the Reference Area 1 surface soils. As with the PCDDs and PCDFs, in general, the mean metal concentrations at the Child Development Center were lower than the reference means, so the lack of statistical significance in the comparisons is not likely due to insufficient data.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the surface soil samples from this site.

Subsurface Soil

None of the toxic PCDD/PCDF congeners were found in the subsurface soil sampled at the Child Development Center at concentrations exceeding the respective RBSLs. The subsurface soil sampled from locations SO01, SO03, SO05, and SO07 contained from 3.40 to 8.20 ng/kg total TCDD, exceeding the reference UTL of 2.3 ng/kg. However, the toxic congener 2,3,7,8-TCDD was not detected in any of the subsurface soil samples from this site. The means comparison showed that the concentration of other PCDDs and PCDFs in the subsurface soils from the Child Development Center were not significantly different than those found in the Reference Area 1 subsurface soils. For the subsurface soil, the lack of statistical significance is less conclusive than for the surface soil because in several cases, the means at the Child Development Center are higher than those at Reference Area 1. However, the power is generally less than 15%. Thus, although the means comparisons suggests that several AOC means may exceed the reference means, the number of samples is too small to provide any assurance that a true difference of 50% or greater would be statistically significant. This is a potential data gap.

The subsurface soils contained up to 60,300 mg/kg aluminum, 4.30 mg/kg arsenic, 50,100 mg/kg iron, 939 mg/kg manganese, 2.40 mg/kg thallium, and 207 mg/kg vanadium. Each of these metals were found in all four subsurface soil samples at concentrations exceeding the respective RBSLs. Subsurface soil concentrations also exceeding the reference UTLs include aluminum,

arsenic, calcium, manganese, potassium, sodium, and thallium at SO05, and arsenic and thallium at locations SO01 and SO07. The means comparison showed that, with the exception of potassium, the concentration of metals in the subsurface soils from the Child Development Center were not significantly different than those found in the Reference Area 1 subsurface soils. As above, the comparisons are somewhat inconclusive because the power is generally low (less than 15%) and the direction of the differences is not consistent. That is, the AOC means are not consistently higher or lower than the reference means.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the subsurface soil samples from this site.

4.3.2 Elementary School

Eight surface soil and four subsurface soil samples were collected from the grounds surrounding the Elementary School, with a primary focus on the play areas. A summary of the results for target compounds present in these samples at concentrations greater than the human health RBSLs for residential soil and the associated reference UTLs are presented in Tables 4-3 and 4-4. The results for compounds exceeding the RBSLs in at least one soil sample from the site are presented in Figures 4-5 and 4-6.

Surface Soil

Surface soil SO07, sampled from the ditch northeast of Building 993, contained 134 ng/kg 1,2,3,4,7,8-HxCDF, 56.3 ng/kg 1,2,3,6,7,8-HxCDF, 51.1 ng/kg 1,2,3,7,8,9-HxCDD, 158 ng/kg 2,3,4,6,7,8-HxCDF, 12.9 ng/kg 1,2,3,7,8-PeCDD, and 46.8 ng/kg 2,3,4,7,8-PeCDF, exceeding each of the corresponding RBSLs and reference UTLs. The 2,3,4,7, 8-PeCDF concentration in sample SO03 (native soil sampled in the playground) exceeds the RBSL of 8.6 ng/kg, but is below the reference UTL of 37.4 ng/kg. The means comparison showed that the concentration of the specific toxic congeners and the total PCDD and PCDF congener classes in the surface soils from the Elementary School site were not significantly different than those found in the Reference Area 1 surface soils. In fact, the mean concentrations at the Elementary School for these compounds were consistently lower than the reference means, so it is unlikely that the lack of significance is due to low power.

The eight surface soils collected at the Elementary School all contained aluminum, arsenic, iron, and manganese at concentrations exceeding the corresponding RBSLs. In addition, the concentration of chromium in the surface sample from SO07, thallium in samples at SO07 and SO08,

Table 4-3
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Elementary School

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,7,8-HxCDF	8/8	0.970 J – 134	SO07-01	43	1	97.8	1
1,2,3,6,7,8-HxCDF	8/8	0.490 J – 56.3	SO07-01	43	1	41.2	1
1,2,3,7,8,9-HxCDD	5/8	0.500 J – 51.1 J	SO07-01	43	1	35.9	1
1,2,3,7,8-PeCDD	4/8	1.70 J – 12.9 J	SO07-01	8.6	1	9.80	1
2,3,4,6,7,8-HxCDF	8/8	1.10 BJ – 158	SO07-01	43	1	101	1
2,3,4,7,8-PeCDF	8/8	0.370 J – 46.8	SO07-01	8.6	2	37.4	1
Total HpCDD	8/8	5.70– 709	SO07-01	NA[c]	-	488	1
Total HpCDF	8/8	5.60 – 700	SO07-01	NA[c]	-	487	1
Total HxCDD	8/8	1.50 – 487	SO07-01	NA[c]	-	362	1
Total HxCDF	8/8	3.80 – 767	SO07-01	NA[c]	-	535	1
Total PeCDD	8/8	0.610 – 160	SO07-01	NA[c]	-	205	0
Total PeCDF	8/8	3.20 – 614	SO07-01	NA[c]	-	608	1
Total TCDD	8/8	0.480 - 163	SO07-01	NA[c]	-	152	1
Total TCDF	8/8	1.10 – 468	SO07-01	NA[c]	-	522	0
ILMO4.0, CLP Metals, mg/kg							
Aluminum	8/8	10,200 – 72,600	SO07-01	7,800	8	74,000	0
Arsenic	8/8	1.80 – 6.50	SO07-01	0.43	8	6.64	0
Calcium	8/8	9,570 – 14,300	SO06-01	NA	-	15,400	0
Chromium	8/8	5.10 – 51.4	SO07-01	39	1	39.9	1
Iron	8/8	10,000 – 64,100	SO07-01	2,300	8	60,600	1
Magensium	8/8	2,140 – 9,970	SO07-01	NA	-	12,400	0
Manganese	8/8	162 – 1,140	SO07-01	160	8	1,050	1
Potassium	8/8	553 – 1,060	SO04-01	NA	-	643	4
Sodium	8/8	569 – 1,210	SO08-01	NA	-	2,430	0
Thallium	2/8	1.40 L – 1.60 L	O07-01	0.55	2	1.82	0
Vanadium	8/8	25.1 – 263	SO07-01	55	5	268	0

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.
[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.
[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.
- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

Table 4-4
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Elementary School

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
OLM03.2, Semi-Volatile Organic Compounds, µg/kg							
Benzo(a)pyrene	1/4	670	SO03-02	87	1	NC	-
Dibenz(a,h)anthracene	1/4	290	SO03-02	87	1	NC	-
SW8290, Dioxins, ng/kg							
1,2,3,4,6,7,8,9-OCDD	4/4	12.1 – 5,540	SO03-02	4,300	1	39.6	3
Total HpCDD	4/4	1.50 – 536	SO03-02	NA[c]	-	13.1	3
Total HxCDD	3/4	25.2 – 63.8	SO03-02	NA[c]	-	19.1	3
Total HxCDF	3/4	44.7 – 78.4	SO01-02	NA[c]	-	11.5	3
Total PeCDD	3/4	9.00 – 13.0	SO07-02	NA[c]	-	4.90	3
Total TCDD	3/4	9.90 – 14.7	SO07-02	NA[c]	-	2.30	3
ILMO4.0, CLP Metals, mg/kg							
Aluminum	4/4	15,000 – 91,600	SO07-02	7,800	4	57,700	1
Arsenic	4/4	2.80 – 5.30	SO07-02	0.43	4	2.60	4
Calcium	4/4	5,760 – 20,200	SO05-02	NA	-	11,600	1
Chromium	4/4	6.80 – 58.7	SO07-02	39	1	30.8	1
Iron	4/4	14,200 – 80,900	SO07-02	2,300	4	51,800	1
Magnesium	4/4	3,490 – 11,800	SO07-02	NA	-	12,200	0
Manganese	4/4	218 – 1,360	SO07-02	160	4	890	1
Potassium	4/4	520 – 767	SO01-02	NA	-	285	4
Sodium	4/4	530 – 987	SO05-02	NA	-	2,030	0
Thallium	2/4	1.10 – 3.00 L	SO07-02	0.55	2	1.70	1
Vanadium	4/4	39.9 – 359	SO07-02	55	2	219	1

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.
NC – Not calculated.

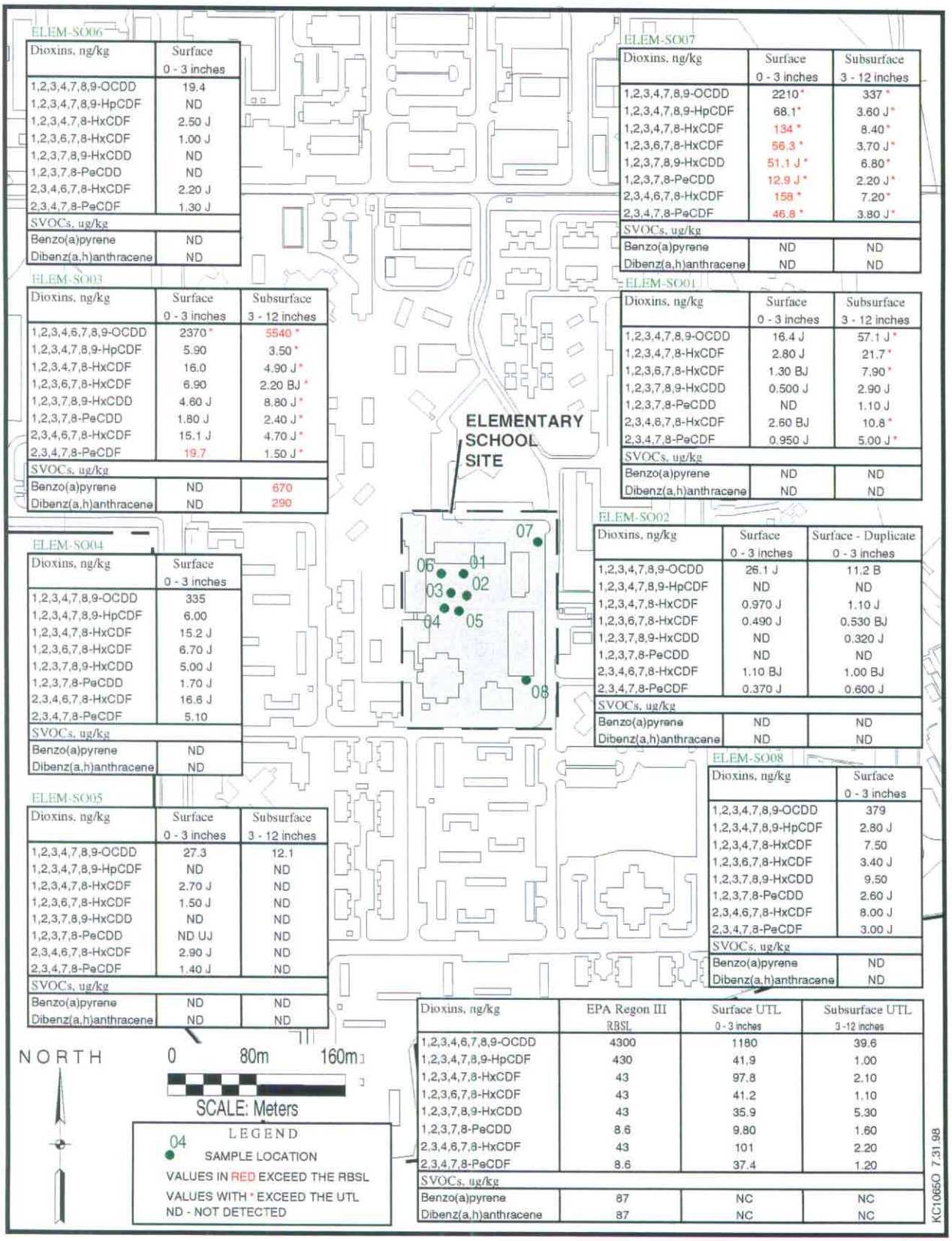


Figure 4-5. Organic Results, for the Elementary School Site

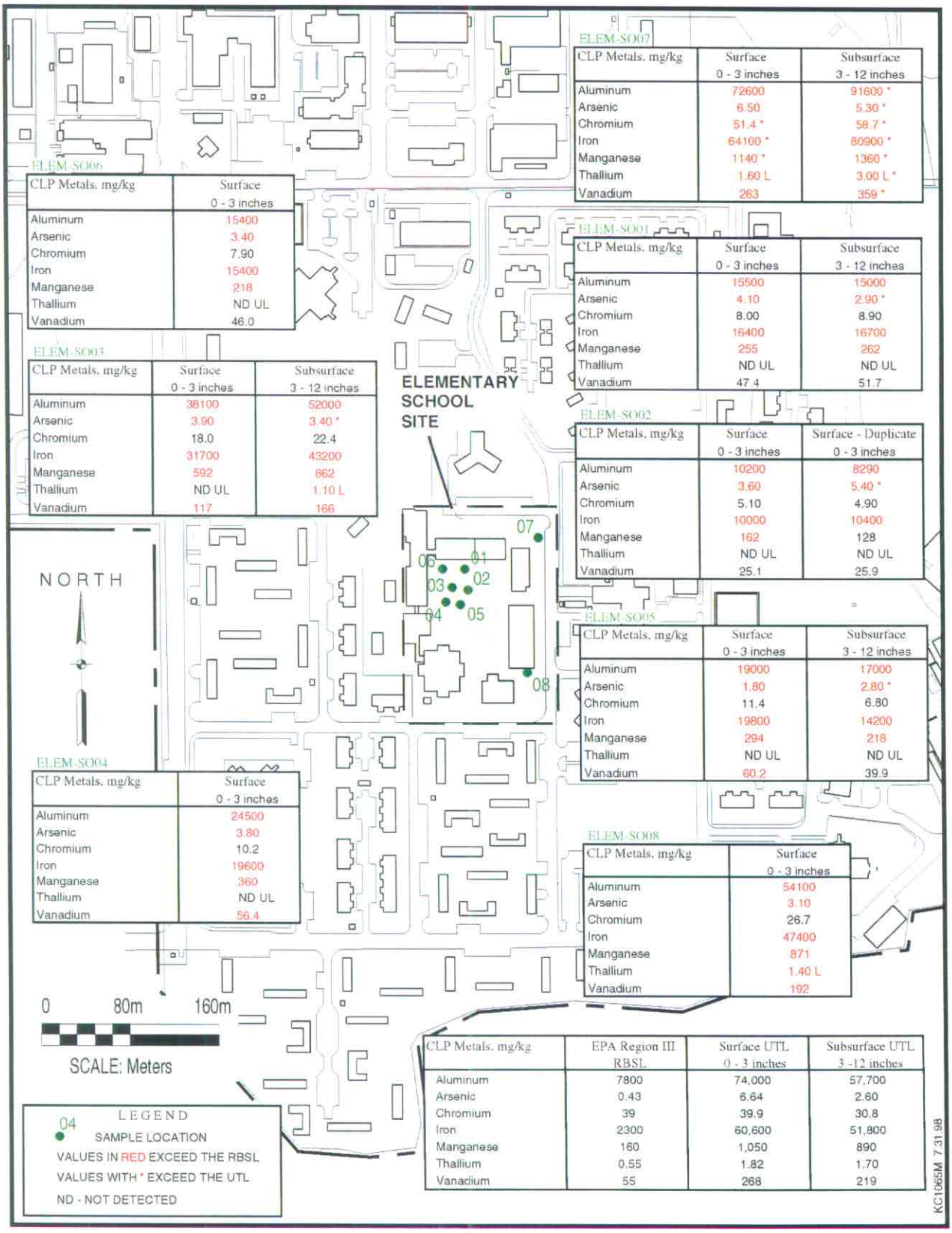


Figure 4-6. Inorganic Results, for the Elementary School Site

mg/kg iron, 1,360 mg/kg manganese, 3.00 mg/kg thallium, and 359 mg/kg vanadium, all at concentrations exceeding the corresponding reference UTLs. The means comparison showed that, with the exception of arsenic and potassium, the concentrations found in the subsurface soils from the Elementary School were not significantly different than those found in the Reference Area 1 subsurface soils. As above, the fact that many of the site means exceed the reference means, coupled with low power, suggests that the means comparisons are inconclusive.

Organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the subsurface soil samples from this site.

4.3.3 Residential Towers

Twelve surface soil and four subsurface soil samples were collected from the grounds surrounding the Residential Towers, with a primary focus on the surrounding recreational areas. A summary of the results for target compounds present in these samples at concentrations greater than the human health RBSLs for residential soil are presented in Tables 4-5 and 4-6. The results for compounds exceeding the RBSLs in at least one soil sample from the site are presented in Figures 4-7 and 4-8.

Surface Soil

Surface soil SO03, sampled south of the picnic area (about 180 ft north of Tower 3101), contained 140J ng/kg 1,2,3,4,7,8-HxCDF, 60.6 ng/kg 1,2,3,6,7,8-HxCDF, 46.2J ng/kg 1,2,3,7,8,9-HxCDD, 13.6 ng/kg 1,2,3,7,8-PeCDD, 114 ng/kg 2,3,4,6,7,8-HxCDF, and 43.2 ng/kg 2,3,4,7,8-PeCDF, exceeding each of the corresponding RBSLs and reference UTLs. The concentrations of 1,2,3,4,7,8-HxCDF, 2,3,4,6,7,8-HxCDF, and 2,3,4,7,8-PeCDF in sample SO02 (sampled east of the tennis courts) exceed the respective RBSL but not the corresponding reference UTLs. The means comparison showed that the concentration of the specific toxic congeners and the total PCDD and PCDF congener classes in the surface soils from the Residential Towers were not significantly different than those found in the Reference Area 1 surface soils. In fact, the mean concentrations at the Residential Towers for all the above-mentioned analytes were smaller then the mean concentrations at the reference area.

Surface soil SO04, sampled under the tire swing in the picnic area, contained 230 µg/kg benzo(a)pyrene, exceeding the RBSL of 87 µg/kg. A reference UTL is not available for this compound since it was not detected in the Reference Area 1 samples. It was not detected elsewhere in surface soils at the Residential Towers site.

and vanadium in samples SO03, SO04, SO05, SO07, and SO08 all exceed the respective RBSLs. Only the chromium (51.4 mg/kg), iron (64,100 mg/kg) and manganese (1,140 mg/kg) concentrations in sample SO07 exceeded the corresponding reference UTLs. The means comparison showed that, with the exception of potassium, the concentration of metals in the surface soils from the Elementary School were not significantly different than those found in the Reference Area 1 surface soils. In general, mean metal concentrations at the Elementary School were lower than the reference means, so the lack of significance is not likely to be due to insufficient data.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the surface soil samples from this site.

Subsurface Soil

The only toxic PCDD/PCDF congener found in the subsurface soil sampled at the Elementary School at a concentration exceeding the RBSLs was 1,2,3,4,6,7,8,9-OCDD in the sample from location SO03. Sample SO03, native soil sampled in the playground, contained 5,540 ng/kg 1,2,3,4,6,7,8,9-OCDD, exceeding the RBSLs of 4,300 ng/kg and reference UTL of 39.6 ng/kg. Although the mean for this compound was substantially higher at the Elementary School than at the reference area, the mean comparison indicated a nonsignificant difference. The non-significance is most likely due to the low power of the comparison (16%). This suggests a probable data gap. The means comparison indicated that the concentration of other toxic PCDD and PCDF congeners and total congener classes in the subsurface soils from the Elementary School were not significantly different than those found in the Reference Area 1 subsurface soils, but in several of these cases, the mean at the Elementary School exceeded the reference mean and the nonsignificant comparison could be due to insufficient data.

Subsurface soil sample SO03, taken in native soil in the play area, contained 670 µg/kg benzo(a)pyrene and 290 µg/kg dibenz(a,h)anthracene. These concentrations exceeded the corresponding RBSLs of 87 µg/kg for both compounds. Reference UTLs are not available for these compounds since they were not detected in the Reference Area 1 samples. They were not detected in any other Elementary School soil samples.

The four subsurface soils collected at the Elementary School all contained aluminum, arsenic, iron, and manganese at concentrations exceeding the corresponding RBSLs. In addition, the concentration of chromium in sample SO07 and thallium and vanadium in samples SO03 and SO07 all exceed their respective RBSLs. Sample SO07 contained 58.7 mg/kg chromium, 80,900

Table 4-5
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Towers Area

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
OLM03.2, Semi-Volatile Organic Compounds, µg/kg							
Benzo(a)pyrene	1/12	230	SO04-01	87	1	NC	-
SW8290, Dioxins, ng/kg							
1,2,3,4,7,8-HxCDF	12/12	1.00 – 140 J	SO03-01	43	2	97.8	1
1,2,3,6,7,8-HxCDF	12/12	0.620 J – 60.6	SO03-01	43	1	41.2	1
1,2,3,7,8,9-HxCDD	11/12	0.440 J – 46.2 J	SO03-01	43	1	35.9	1
1,2,3,7,8-PeCDD	10/12	1.10 J – 13.6	SO03-01	8.6	1	9.80	1
2,3,4,6,7,8-HxCDF	12/12	0.910 J – 114	SO03-01	43	2	101	1
2,3,4,7,8-PeCDF	11/12	0.680 J – 43.2	SO03-01	8.6	2	37.4	1
Total HpCDD	12/12	2.10 – 805	SO03-01	NA[c]	-	488	1
Total HpCDF	12/12	4.60 – 659	SO03-01	NA[c]	-	487	1
Total HxCDD	12/12	2.40 – 403	SO03-01	NA[c]	-	362	1
Total HxCDF	12/12	3.50 – 738	SO03-01	NA[c]	-	535	1
Total PeCDD	12/12	0.370 – 138	SO03-01	NA[c]	-	205	0
Total PeCDF	12/12	2.60 – 592	SO03-01	NA[c]	-	608	0
Total TCDD	12/12	0.290 - 278	SO12-01	NA[c]	-	152	1
Total TCDF	12/12	1.00 - 413	SO03-01	NA[c]	-	522	0
ILMO4.0, CLP Metals, mg/kg							
Aluminum	12/12	13,500 – 78,800	SO06-01	7,800	12	74,000	1
Arsenic	12/12	2.60 – 8.30	SO05-01	0.43	12	6.64	1
Barium	12/12	13.8 K – 609 K	SO10-01	550	1	130	1
Calcium	12/12	3,520 – 27,700	SO10-01	NA	-	15,400	5
Chromium	12/12	6.30 – 47.9	SO06-01	39	5	39.9	5
Iron	12/12	11,100 – 64,400	SO06-01	2,300	12	60,600	1
Magnesium	12/12	2,450 – 11,700	SO01-01	NA	-	12,400	0
Manganese	12/12	173 – 1,200	SO06-01	160	12	1,050	4
Potassium	12/12	198 – 989	SO03-01	NA	-	643	7
Sodium	12/12	533 – 1,970	SO04-01	NA	-	2,430	0
Thallium	7/12	1.00 L – 2.50	SO01-01	0.55	7	1.82	4
Vanadium	12/12	34.8 – 287	SO06-01	55	9	268	1

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
K – Result is potentially biased high.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.
NC – Not calculated.

Table 4-6
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Towers Area

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
OLM03.2, Semi-Volatile Organic Compounds, µg/kg							
Benzo(a)pyrene	1/4	88.0 J	SO10-02	87	1	NC	-
SW8290, Dioxins, ng/kg							
Total HxCDF	4/4	0.470 – 56.9	SO02-32	NA[c]	-	11.5	3
Total PeCDD	4/4	1.30 – 11.7	SO02-32	NA[c]	-	4.90	2
Total TCDD	3/4	4.50 – 8.90	SO02-32	NA[c]	-	2.30	3
Total TCDF	4/4	2.30 – 46.1	SO02-32	NA[c]	-	13.3	1
ILMO4.0, CLP Metals, mg/kg							
Aluminum	4/4	46,000–104,000	SO06-02	7,800	4	57,700	2
Arsenic	4/4	2.20 – 4.70	SO06-02	0.43	4	2.60	2
Calcium	4/4	11,800 – 18,300	SO10-02	NA	-	11,600	4
Chromium	4/4	21.7 – 57.4	SO06-02	39	2	30.8	2
Iron	4/4	39,400 – 86,000	SO06-02	2,300	4	51,800	2
Magnesium	4/4	9,240 – 18,500	SO06-02	NA	-	12,200	1
Manganese	4/4	705 – 1,500	SO06-02	160	4	890	3
Potassium	4/4	277 – 2,130	SO02-32	NA	-	285	3
Sodium	4/4	650 – 2,300	SO02-32	NA	-	2,030	1
Thallium	4/4	1.40 – 2.80 L	SO10-02	0.55	4	1.70	3
Vanadium	4/4	147 – 362	SO06-02	55	4	219	2

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.
NC – Not calculated.

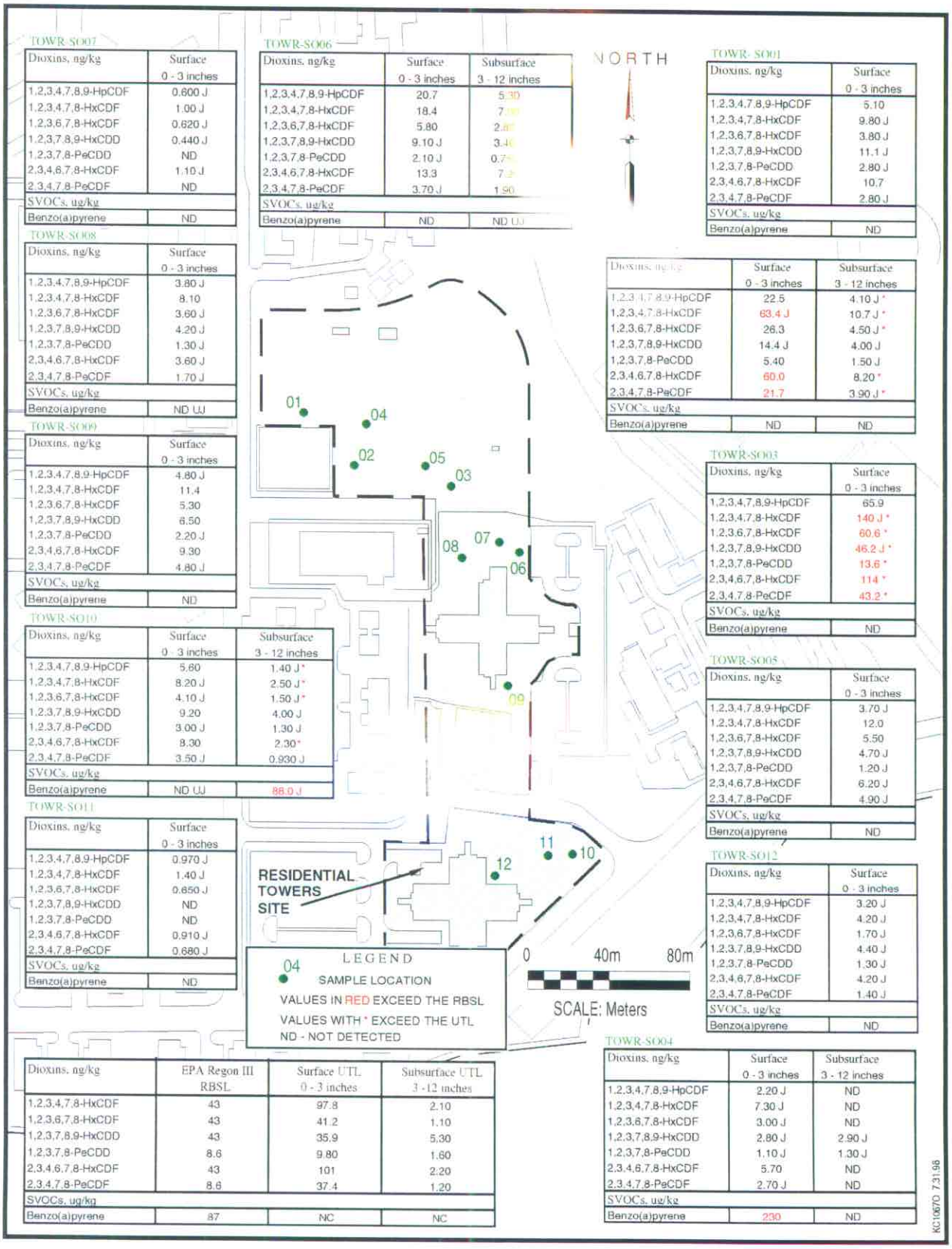


Figure 4-7. Organic Results for the Residential Towers Site

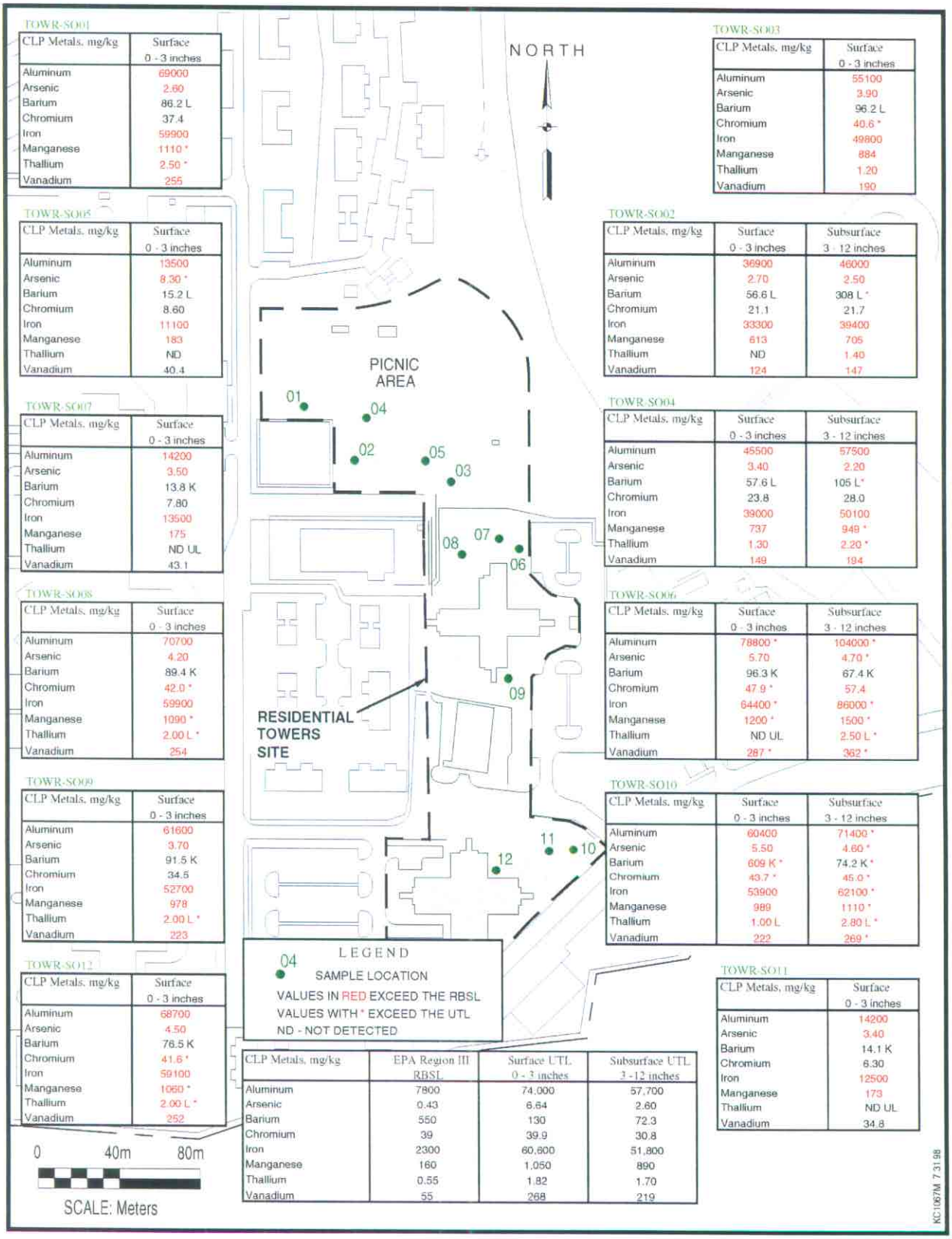


Figure 4-8. Inorganic Results for the Residential Towers Site

The twelve surface soils collected from the Residential Towers all contained aluminum, arsenic, iron, and manganese at concentrations exceeding the corresponding RBSLs. In addition, the concentration of barium, chromium, thallium, and vanadium in at least one of the surface soil samples exceed the corresponding RBSLs. The concentration of aluminum, arsenic, barium, chromium, iron, manganese, thallium, and vanadium in one or more of the surface soil samples also exceed the corresponding reference UTLs. The means comparison showed that, with the exception of potassium, the concentration of metals in the surface soils from the Residential Towers were not significantly different than those found in the Reference Area 1 surface soils. Although the power was low for many of these comparisons, the metals concentrations in the surface soil at the Residential Towers were neither consistently higher nor lower than those at Reference Area 1. Thus, the existing data do not suggest that the lack of statistical significance is due to insufficient data.

Organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the surface soil samples from this site.

Subsurface Soil

None of the toxic PCDD/PCDF congeners were found in the Residential Tower subsurface soil samples at concentrations exceeding the respective RBSLs. The subsurface soil sampled from locations SO02, SO06, and SO10 contained from 4.50 to 8.90 ng/kg total TCDD, exceeding the reference UTL of 2.3 ng/kg. However, the toxic congener 2,3,7,8-TCDD was not detected at a concentration exceeding the RBSL of 4.3 ng/kg in any of the subsurface soil samples from this site. The means comparison showed that the concentration of PCDDs and PCDFs in the subsurface soils from the Residential Towers were not significantly different than those found in the Reference Area 1 subsurface soils. The means for several of these analytes in the subsurface soil at the Residential Towers exceeded those at Reference Area 1, so the lack of statistical significance could be due to low power. However, the observed differences were not consistent for all analytes.

Subsurface soil SO10, sampled under the swing northeast of Building 3101, contained 88.0J µg/kg benzo(a)pyrene, exceeding the RBSL of 87 µg/kg. A reference UTL is not available for this compound since it was not detected in the Reference Area 1 samples. It was not detected elsewhere in subsurface soils at the Residential Towers site.

The four subsurface soils collected at the Residential Towers all contained aluminum, arsenic, iron, manganese, thallium, and vanadium at concentrations exceeding the corresponding RBSLs. In addition, the concentration of chromium in samples SO06 and SO10 exceed the RBSL of 39 mg/kg. The concentration of aluminum, arsenic, chromium, iron, manganese, thallium, and vanadium in one or more of the subsurface soil samples also exceed the corresponding reference UTLs. The means comparison showed that, with the exception of potassium, the concentrations found in the subsurface soils from the Residential Towers were not significantly different than those found in the Reference Area 1 subsurface soils. Again, the lack of statistical significance could be due to the low power of the statistical tests because, for most metals, the mean subsurface soil concentration at the Residential Towers exceeded that for Reference Area 1.

Organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the subsurface soil samples from this site.

4.3.4 Reference Area 2

Six surface soil and three subsurface soil samples were collected from Reference Area 2, which is located in the southwestern portion of the base, near the West Gate. Summaries of the results for target compounds present in these samples at concentrations greater than the human health RBSLs for residential soil and the associated reference UTLs are presented in Tables 4-7 and 4-8. The results for compounds exceeding the RBSLs in at least one soil sample from the site are presented in Figures 4-9 and 4-10.

Surface Soil

Surface soil from SO06 contained 58.2J ng/kg 1,2,3,4,7,8-HxCDF, 54.6J ng/kg 2,3,4,6,7,8-HxCDF, and 17.9 ng/kg 2,3,4,7,8-PeCDF, exceeding each of the corresponding RBSLs, but below the corresponding reference UTLs. The concentration of 2,3,4,7,8-PeCDF in samples SO02, SO03, SO05, and SO06 also exceeds the RBSL, but is below the reference UTL. The means comparison showed that the concentration of the specific toxic congeners and the total PCDD and PCDF congener classes in the surface soils from Reference Area 2 were not significantly different than those found in the Reference Area 1 surface soils.

Two samples contained di-n-Butylphthalate at concentrations greater than the reference UTL, but well below the RBSL. Organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the surface soil samples from this site.

Table 4-7
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Reference Area 2

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,7,8-HxCDF	6/6	15.1 J – 58.2 J	SO06-01	43	1	97.8	0
2,3,4,6,7,8-HxCDF	6/6	15.3 J – 54.6 J	SO06-01	43	1	101	0
2,3,4,7,8-PeCDF	6/6	5.60 – 17.9	SO06-01	8.6	5	37.4	0
Total HxCDD	6/6	106 – 211	SO02-01	NA[c]	-	362	0
Total HxCDF	6/6	79.3 – 277	SO06-01	NA[c]	-	535	0
Total PeCDD	6/6	19.5 – 57.4	SO06-01	NA[c]	-	205	0
Total PeCDF	6/6	66.7 – 197	SO06-01	NA[c]	-	608	0
Total TCDD	6/6	14.3 – 60.9	SO06-01	NA[c]	-	152	0
Total TCDF	6/6	56.0 – 136	SO06-01	NA[c]	-	522	0
ILMO4.0, CLP Metals, mg/kg							
Aluminum	6/6	58,200 – 84,200	SO03-01	7,800	6	74,000	4
Arsenic	6/6	4.50 – 8.20	SO03-01	0.43	6	6.64	2
Calcium	6/6	3,030 – 9,640	SO04-01	NA	-	15,400	0
Chromium	6/6	32.5 – 54.4	SO03-01	39	5	39.9	4
Iron	6/6	49,600 – 73,300	SO03-01	2,300	6	60,600	4
Magnesium	6/6	7,680 – 10,900	SO03-01	NA	-	12,400	0
Manganese	6/6	945 – 1,300	SO03-01	160	6	1,050	5
Potassium	6/6	435 – 978	SO06-01	NA	-	643	1
Sodium	6/6	235 – 1,040	SO05-01	NA	-	2,430	0
Thallium	5/6	1.40 L – 5.40 L	SO02-01	0.55	5	1.82	3
Vanadium	6/6	210 – 327	SO03-01	55	6	268	4

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.
[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.
[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.
- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

Table 4-8
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Reference Area 2

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
Total HxCDD	3/3	25.8 – 70.4	SO01-02	NA[c]	-	19.1	3
Total HxCDF	3/3	14.2 – 74.5	SO01-02	NA[c]	-	11.5	3
Total PeCDD	3/3	2.30 – 19.1	SO01-02	NA[c]	-	4.90	2
Total TCDD	3/3	2.70 – 10.6	SO01-02	NA[c]	-	2.30	2
ILMO4.0, CLP Metals, mg/kg							
Aluminum	3/3	58,200 – 108,000	SO03-02	7,800	3	57,700	3
Arsenic	3/3	3.60 – 5.90	SO01-02	0.43	3	2.60	3
Calcium	3/3	3,890 – 8,180	SO05-02	NA	-	11,600	0
Chromium	3/3	29.7 – 50.6	SO01-02	39	2	30.8	2
Iron	3/3	51,400 – 87,500	SO03-02	2,300	3	51,800	2
Magnesium	3/3	11,200 – 14,500	SO03-02	NA	-	12,200	1
Manganese	3/3	933 – 1,530	SO03-02	160	3	890	3
Potassium	3/3	290 –371	SO01-02	NA	-	285	3
Sodium	3/3	326 – 1,080	SO05-02	NA	-	2,030	0
Thallium	3/3	1.30 L – 5.60 L	SO01-02	0.55	3	1.70	2
Vanadium	3/3	213 – 355	SO03-02	55	3	219	2

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

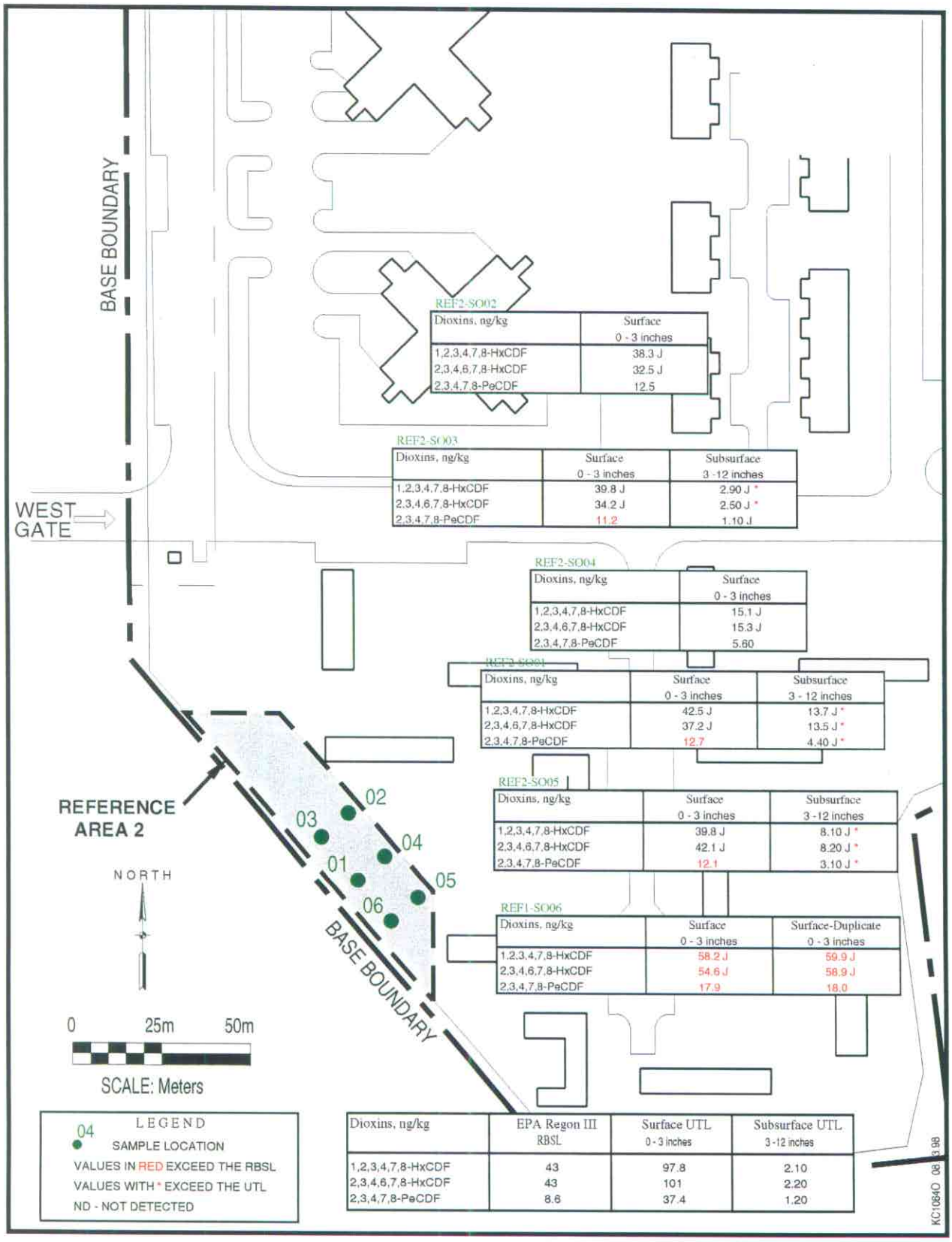


Figure 4-9. Organic Results, for the Reference Area 2 Site

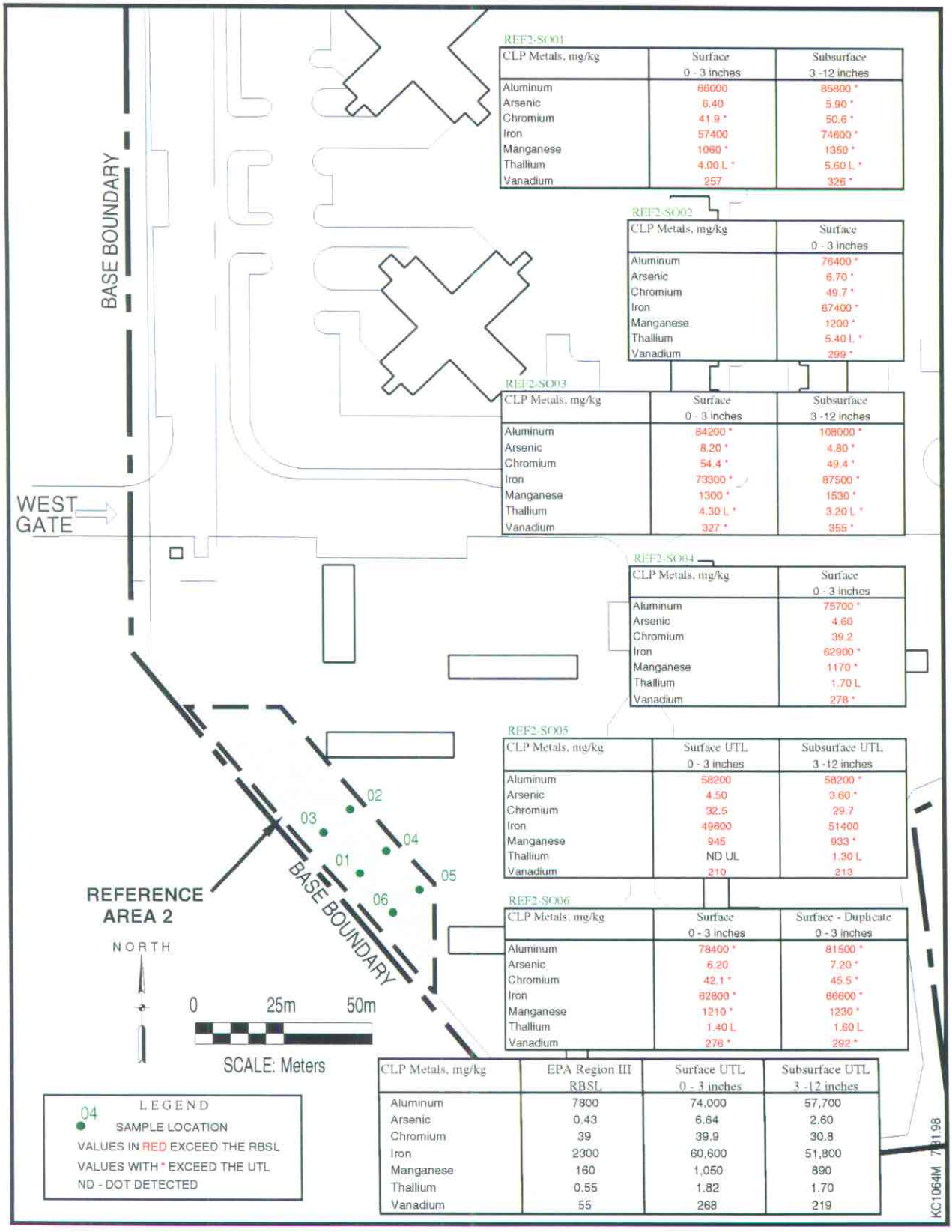


Figure 4-10. Inorganic Results, for the Reference Area 2 Site

At least five of the six surface soils collected from Reference Area 2 contained aluminum, arsenic, chromium, iron, manganese, thallium, and vanadium at concentrations exceeding the corresponding RBSLs. The concentration of these metals, in two or more of the Reference Area 2 surface soils, exceed the reference UTLs. The means comparison showed that the mean concentration of aluminum, arsenic, chromium, manganese, potassium, thallium, and vanadium in the surface soils from Reference Area 2 were significantly different than those found in the Reference Area 1 surface soils.

Subsurface Soil

None of the toxic PCDD/PCDF congeners were found in the in the Reference Area 2 subsurface soil samples at concentrations exceeding the respective RBSLs. The subsurface soil sampled from locations SO01 and SO05 contained from 2.70 to 10.6 ng/kg total TCDD, exceeding the reference UTL of 2.3 ng/kg. However, the toxic congener 2,3,7,8-TCDD was not detected in the subsurface soil samples from this site. The means comparison showed that the concentration of PCDDs and PCDFs in the subsurface soils from Reference Area 2 were not significantly different than those found in the Reference Area 1 subsurface soils.

The three subsurface soils collected in Reference Area 2 contained up to 108,000 mg/kg aluminum, 5.90 mg/kg arsenic, 50.6 mg/kg chromium, 87,500 mg/kg iron, 1,530 mg/kg manganese, 5.60 mg/kg thallium, and 355 mg/kg vanadium. The concentrations of these metals in at least two of the subsurface soil samples exceed the corresponding RBSLs and reference UTLs. The means comparison showed that the metal concentrations in the subsurface soils from Reference Area 2 are not significantly different than those found in the Reference Area 1 subsurface soils.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs or reference UTLs in any of the subsurface soil samples from this site.

4.3.5 Reference Area 1

Six surface soil and three subsurface soil samples were collected from Reference Area 1, which is located on the far western side of the base. These data were used to develop reference UTLs and to perform the mean comparison of the reference-to-site data. A summary of the results for target compounds present in these samples at concentrations greater than the human health RBSLs for residential soil and the associated reference UTLs developed from this data are

presented in the Tables 4-9 and 4-10. The results for compounds exceeding the RBSLs in at least one soil sample from the site are presented in Figures 4-11 and 4-12.

Surface Soil

Surface soil SO01contained 97.8 ng/kg 1,2,3,4,7,8-HxCDF, 9.80 ng/kg 1,2,3,7,8-PeCDD, 101 ng/kg 2,3,4,6,7,8-HxCDF, and 37.4 ng/kg 2,3,4,7,8-PeCDF, exceeding each of the corresponding RBSLs. The concentrations of 2,3,4,7,8-PeCDF in samples SO03, SO04, and SO06 also exceed the RBSL of 8.6 ng/kg.

The six surface soils collected from Reference Area 1 contained up to 57,200 mg/kg aluminum, 5.20 mg/kg arsenic, 50,600 mg/kg iron, 875 mg/kg manganese, 1.30L mg/kg thallium, and 215 mg/kg vanadium; exceeding the corresponding RBSLs.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs in any of the surface soil samples from this site.

Subsurface Soil

None of the toxic PCDD/PCDF congeners were found in the in the Reference Area 1 subsurface soil samples at concentrations exceeding the respective RBSLs.

The three subsurface soils collected in Reference Area 1 contained up to 57,700 mg/kg aluminum, 2.60 mg/kg arsenic, 51,800 mg/kg iron, 890 mg/kg manganese, 1.70 mg/kg thallium, and 219 mg/kg vanadium.

SVOCs, organochlorine pesticides, PCBs, and cyanide were not found at concentrations exceeding the RBSLs in any of the subsurface soil samples from this site.

4.3.6 Evaluation of Non-Detected Compounds

All of the detection limits for compounds not detected in any of the NAF Atsugi soil samples analyzed at a dilution factor of one, were below project required reporting limits and the corresponding RBSLs.

Table 4-9
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Reference Area 1

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,7,8-HxCDF	6/6	18.7 – 97.8	SO01-31	43	1	97.8	0
1,2,3,7,8-PeCDD	6/6	3.20 J – 9.80	SO01-31	8.6	1	9.80	0
2,3,4,6,7,8-HxCDF	6/6	14.8 – 101	SO01-31	43	1	101	0
2,3,4,7,8-PeCDF	6/6	6.30 – 37.4	SO01-31	8.6	4	37.4	0
Total HxCDD	6/6	68.6 – 239	SO01-31	NA[c]	–	362	0
Total HxCDF	6/6	95.6 – 535	SO01-31	NA[c]	–	535	0
Total PeCDD	6/6	24.5 – 205	SO01-31	NA[c]	–	205	0
Total PeCDF	6/6	75.9 – 608	SO01-31	NA[c]	–	608	0
Total TCDD	6/6	21.3 – 152	SO01-31	NA[c]	–	152	0
Total TCDF	6/6	60.4 – 522	SO01-31	NA[c]	–	522	0
ILMO4.0, CLP Metals, mg/kg							
Aluminum	6/6	39,900 – 57,200	SO05-01	7,800	6	74,000	0
Arsenic	6/6	2.90 – 5.20	SO06-01	0.43	6	6.64	0
Calcium	6/6	9,420 – 12,800	SO01-31	NA	–	15,400	0
Iron	6/6	38,000 – 50,600	SO05-01	2300	6	60,600	0
Magnesium	6/6	11,100 – 11,700	SO03-01	NA	–	12,400	0
Manganese	6/6	682 – 875	SO05-01	160	6	1,050	0
Potassium	6/6	362 – 525	SO01-31	NA	–	643	0
Sodium	6/6	1,470 – 1,990	SO02-01	NA	–	2,430	0
Thallium	6/6	0.850 L – 1.30 L	SO06-01	0.55	6	1.82	0
Vanadium	6/6	148 – 215	SO05-01	55	6	268	0

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.
[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.
[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

\- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.
J – The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
L – Result is potentially biased low.
NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

Table 4-10
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Reference Area 1

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
ILMO4.0, CLP Metals, mg/kg							
Aluminum	3/3	52,300 – 57,700	SO06-02	7,800	3	57,700	0
Arsenic	3/3	1.30 – 2.60	SO06-02	0.43	3	2.60	0
Calcium	3/3	9,380 – 11,600	SO02-02	NA	–	11,600	0
Iron	3/3	45,100 – 51,800	SO06-02	2,300	3	51,800	0
Magnesium	3/3	10,900 – 12,200	SO04-02	NA	–	12,200	0
Manganese	3/3	800 – 890	SO06-02	160	3	890	0
Potassium	3/3	263 – 285	SO06-02	NA	–	285	0
Sodium	3/3	1,750 – 2,030	SO02-02	NA	–	2,030	0
Thallium	2/3	1.40 – 1.70	SO02-02	0.55	2	1.70	0
Vanadium	3/3	185 – 219	SO06-02	55	3	219	0

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

- – No RBSL and/or reference UTL for compound, so could not determine number of detected concentrations greater than RBSL or reference UTL.

NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

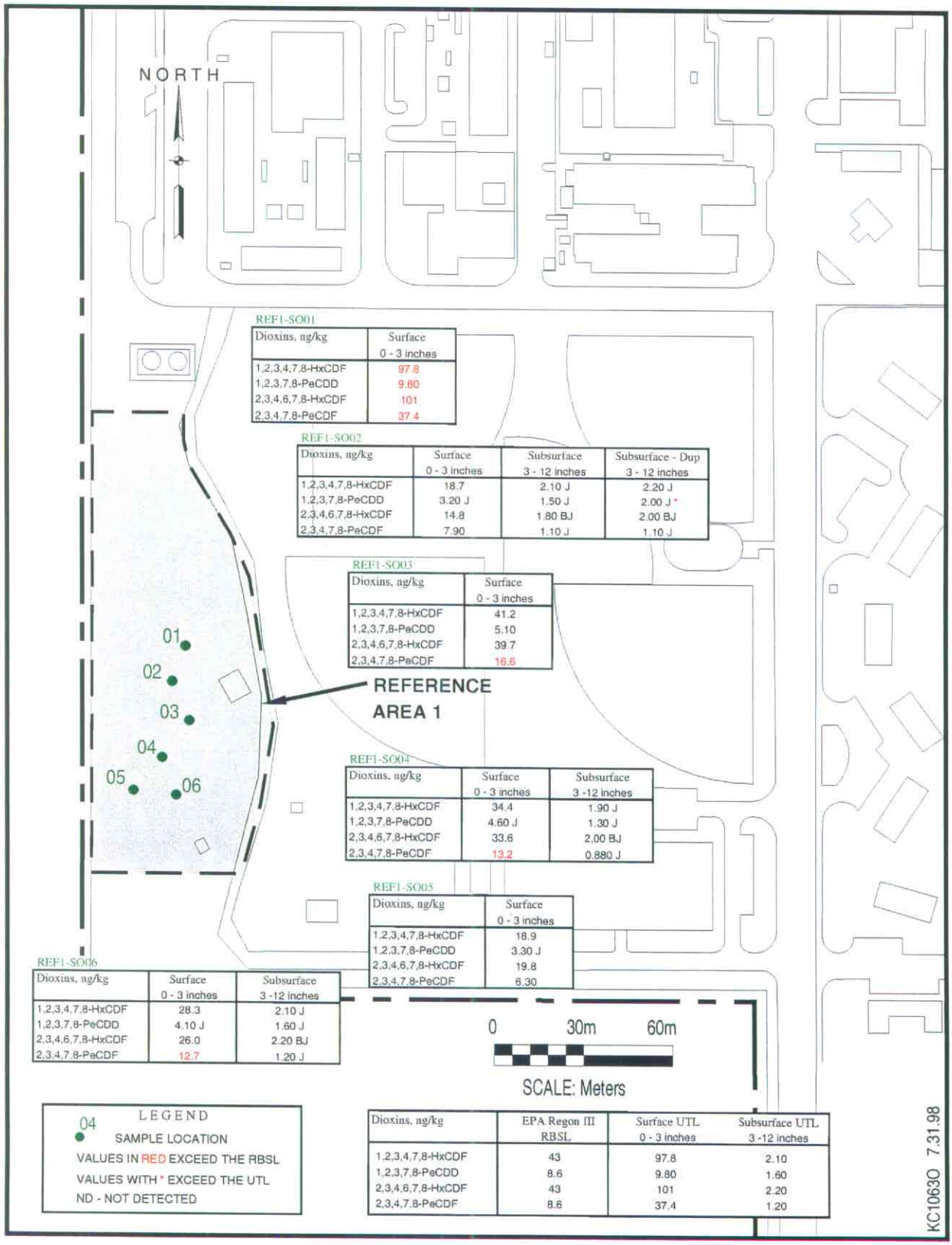


Figure 4-11. Organic Results, for the Reference Area 1 Site

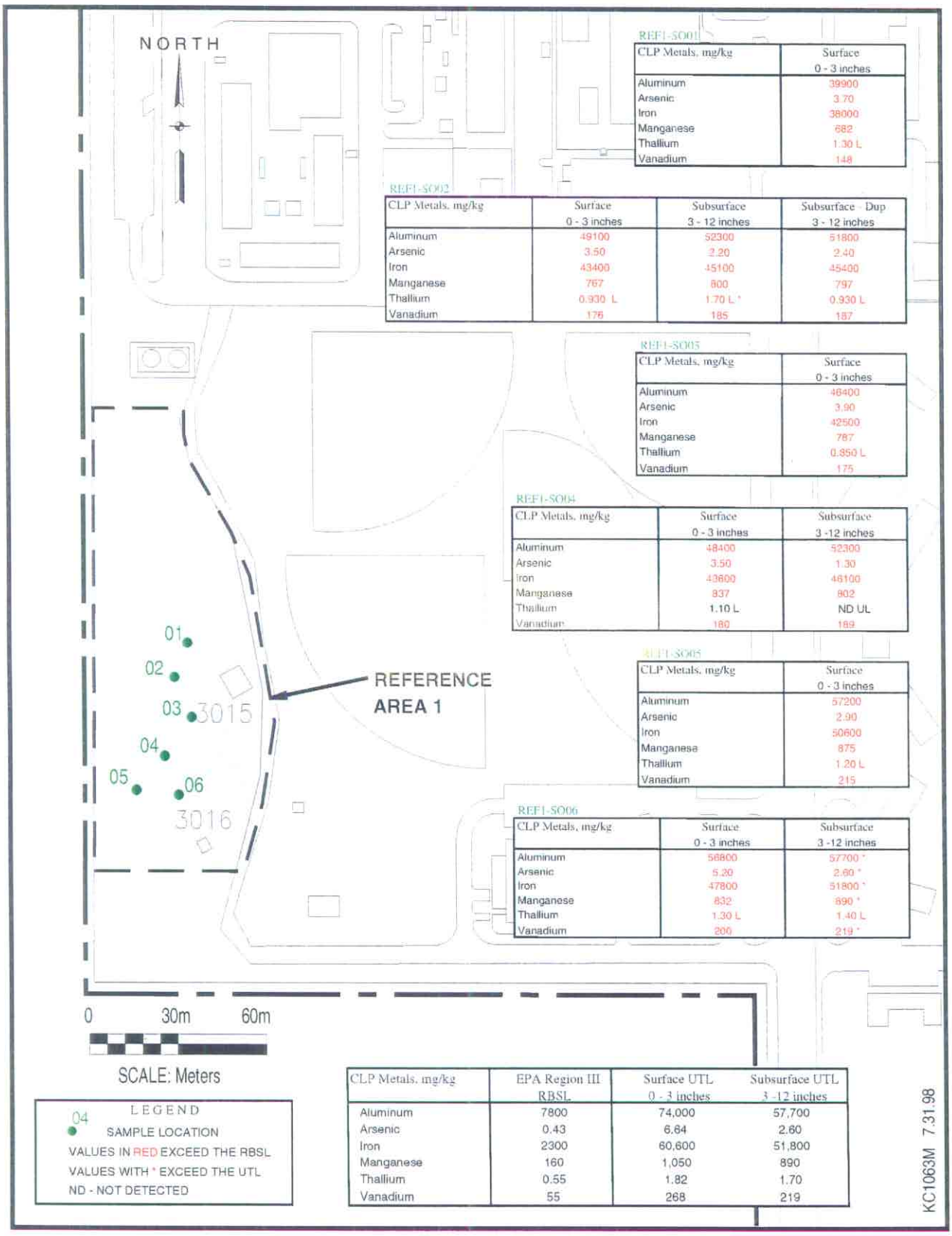


Figure 4-12. Inorganic Results, for the Reference Area 1 Site

4.4 Trend Analysis

The trend analysis sampling protocol was designed to address the following questions:

- What is the extent of deposition of particulates in the soil from the Jinkanpo Incineration Complex?
- Is there a significantly decreasing trend in concentrations away from the Jinkanpo Incineration Complex?

In addition to the samples collected for the reference locations and the AOCs, 33 surface and 11 subsurface samples were collected throughout the base. These sample results were combined with all results from the two potential reference areas and some of the results from the AOCs to form the trend analysis data set. This data set is comprised of the numbers of samples described in Table 4-11.

Table 4-11
Trend Analysis Data Set

Site	Surface	Subsurface
Reference Area 1	6	3
Reference Area 2	6	3
Child Development Center	1	0
Elementary School	4	2
Residential Towers	3	1
Trend Analysis Additional Locations	33	11
Total	**53**	**20**

The additional trend analysis samples were analyzed for the same list of parameters as the reference areas and AOCs, as outlined in Table 2-1.

The following subsections describe the exceedences of evaluation criteria (e.g., RBSL, reference UTL, means comparison) and the distribution of contaminants.

4.4.1 Exceedences

Analytes exceeding the RBSL in the additional trend analysis samples will be presented before discussing the distribution of these analytes. This description of the exceedences of RBSLs is limited to the 33 surface and 11 subsurface (44 total) samples collected from across the base in

a radial distribution from the Jinkanpo Incineration Complex. Limiting the discussion of the exceedences to this sample set avoids duplication in presenting exceedences in those trend analysis samples collected from the potential reference areas and AOCs. The next subsection, "Distribution," will present the combined data sets (sample set listed in Table 4-11) for the spatial distribution.

Tables 4-12 and 4-13 summarize the results for target compounds present in at least one of these 44 samples at concentrations greater than the human health RBSLs. For informational purposes, the Reference Area 1 UTL and the number of results exceeding the UTL are given for each analyte that exceeds an RBSL (analytes that exceed a UTL, but not an RBSL, are not shown, unless an RBSL is not available).

Table 4-14 summarizes the number of analytes that were detected in at least one sample, that exceed the RBSL in at least one sample, that exceed the Reference Area 1 UTL in at least one sample, and that exceed both the RBSL and UTL. The table is sorted by contaminant class and media. As shown, metals and dioxins were found at concentrations exceeding both the RBSL and Reference Area 1 UTL. SVOCs were found at concentrations exceeding the respective RBSL and UTL, but not both the RBSL and UTL. There were no pesticides or PCBs detected above RBSLs in this data set. The following text describes the contaminants detected by media and contaminant class.

Surface Soil

Of the 17 dioxins that were detected, 16 of the maximum detections exceeded both the RBSL and the Reference Area 1 UTL (the maximum concentration for 1,2,3,4,6,7,8,9-OCDF did not exceed the RBSL). Every maximum detection for dioxins was found in either sample TRND-SO04-31 or TRND-SO06-01, which are both located near the Jinkanpo Incineration Complex. As the boxplots show (Appendix E), there were several outliers to the main data set for each dioxin congener that were orders of magnitude higher in concentration than the rest of the data.

Twenty-seven inorganic analytes were detected in the trend surface samples. Nineteen of these exceeded the surface soil RBSL, 25 exceeded the Reference Area 1 UTL, and 18 exceeded both. Of these 18, calcium, iron, magnesium, potassium, and zinc are all essential nutrients. Although the maximum detections for the 13 remaining analytes exceeded the RBSL, only antimony, arsenic, and lead exceeded the residential RBC for soil.

Table 4-12
Results of Analyses for March 1998 Surface Soil Sampling, NAF Atsugi, Trend Analysis

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,6,7,8,9-OCDD	33/33	90 - 20040	NA-TRND-SO04-31	4300	2	1180	13
1,2,3,4,6,7,8-HpCDD	33/33	20 - 4290	NA-TRND-SO04-31	430	6	235	13
1,2,3,4,6,7,8-HpCDF	33/33	22 - 2740	NA-TRND-SO06-01	430	6	258	11
1,2,3,4,7,8,9-HpCDF	33/33	3.3 - 857	NA-TRND-SO06-01	430	1	41.9	9
1,2,3,4,7,8-HxCDD	32/33	1.1 - 144	NA-TRND-SO04-31	43	6	13.7	14
1,2,3,4,7,8-HxCDF	33/33	7 - 1600	NA-TRND-SO06-01	43	21	97.8	13
1,2,3,6,7,8-HxCDD	33/33	3.2 - 364	NA-TRND-SO04-31	43	6	29.1	12
1,2,3,6,7,8-HxCDF	33/33	3.8 - 424	NA-TRND-SO06-01	43	11	41.2	12
1,2,3,7,8,9-HxCDD	33/33	7.5 - 472	NA-TRND-SO04-31	43	13	35.9	14
1,2,3,7,8,9-HxCDF	30/33	1.3 - 165	NA-TRND-SO06-01	43	1	3.8	16
1,2,3,7,8-PeCDD	33/33	2 - 108	NA-TRND-SO04-31	8.6	15	9.8	13
1,2,3,7,8-PeCDF	33/33	1.3 - 615	NA-TRND-SO06-01	86	5	30.6	9
2,3,4,6,7,8-HxCDF	33/33	6.2 - 562	NA-TRND-SO04-31	43	19	101	10
2,3,4,7,8-PeCDF	33/33	2.1 - 311	NA-TRND-SO06-01	8.6	27	37.4	10
2,3,7,8-TCDD	30/33	0.42 - 24	NA-TRND-SO04-31	4.3	6	2.4	6
2,3,7,8-TCDF	33/33	1.5 - 540	NA-TRND-SO06-01	43	7	32.8	7
Total HpCDD	33/33	42 - 8360	NA-TRND-SO04-31	NA[c]	-	488	13
Total HpCDF	33/33	38 - 4760	NA-TRND-SO06-01	NA[c]	-	487	9
Total HxCDD	33/33	48 - 4260	NA-TRND-SO04-31	NA[c]	-	362	13
Total HxCDF	33/33	28 - 4320	NA-TRND-SO06-01	NA[c]	-	535	11
Total PeCDD	33/33	6.1 - 1900	NA-TRND-SO04-31	NA[c]	-	205	11
Total PeCDF	33/33	31 - 3500	NA-TRND-SO04-31	NA[c]	-	608	8
Total TCDD	33/33	7.7 - 1220	NA-TRND-SO04-31	NA[c]	-	152	11
Total TCDF	33/33	11 - 3330	NA-TRND-SO04-31	NA[c]	-	522	6
OLM03.2 Semivolatiles, µg/kg							
Benzo(a)anthracene	6/33	77 - 9800	NA-TRND-SO01-01	870	1	NC	0
Benzo(a)pyrene	10/33	33 – 12,000	NA-TRND-SO01-01	87	6	NC	0
Benzo(b)fluoranthene	9/33	83 – 15,000	NA-TRND-SO01-01	870	1	NC	0
Dibenz(a,h)anthracene	1/33	2100	NA-TRND-SO01-01	87	1	NC	0
Indeno(1,2,3-cd)pyrene	5/33	62 - 6300	NA-TRND-SO01-01	870	1	NC	0

Table 4-12 (Continued)

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
ILM04.0, CLP Metals, mg/kg							
Aluminum	33/33	40,800 – 90,700	NA-TRND-SO33-01	7,800	33	74,000	11
Antimony	27/33	0.73 – 57.6	NA-TRND-SO04-31	3.1	9	2.4	12
Arsenic	33/33	2.6 – 14.7	NA-TRND-SO28-01	0.43	33	6.64	3
Barium	33/33	56.7 – 1380	NA-TRND-SO04-31	550	1	130	3
Cadmium	33/33	0.71 – 23	NA-TRND-SO04-31	3.9	1	1.26	19
Calcium	33/33	2,710 – 16,500	NA-TRND-SO04-31	NA	-	15,400	1
Chromium	33/33	20.6 – 95.9	NA-TRND-SO04-31	39	18	39.9	17
Copper	33/33	95.3 – 591	NA-TRND-SO04-31	310	1	134	18
Iron	33/33	36,800 – 78,500	NA-TRND-SO19-01	2,300	33	60,600	11
Lead	33/33	15.1 – 1,420	NA-TRND-SO04-31	400	1	95.5	8
Magnesium	33/33	7,380 – 15,600	NA-TRND-SO33-01	NA	-	12,400	2
Manganese	33/33	733 – 1,380	NA-TRND-SO33-01	160	33	1,050	17
Mercury	33/33	0.04 – 2.5	NA-TRND-SO04-31	0.78	1	0.228	2
Potassium	33/33	315 – 1,840	NA-TRND-SO04-31	NA	-	643	16
Silver	21/33	0.25 – 123	NA-TRND-SO04-31	39	1	0.61	7
Sodium	33/33	344 – 1,630	NA-TRND-SO06-01	NA	-	2,430	0
Thallium	12/33	2.2 – 4.3	NA-TRND-SO09-01	0.55	12	1.82	12
Vanadium	33/33	141 – 351	NA-TRND-SO12-01	55	33	268	9
Zinc	33/33	84.8 – 3,010	NA-TRND-SO04-31	2,300	1	224	9

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.

NC – Not calculated.

Table 4-13
Results of Analyses for March 1998 Subsurface Soil Sampling, NAF Atsugi, Trend Analysis

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
SW8290, Dioxins, ng/kg							
1,2,3,4,6,7,8,9-OCDD	11/11	8.5 - 5800	NA-TRND-SO04-02	4300	1	39.6	9
1,2,3,4,6,7,8,9-OCDF	11/11	2.5 - 334	NA-TRND-SO04-02	4300	0	4.6	9
1,2,3,4,6,7,8-HpCDD	11/11	2.2 - 997	NA-TRND-SO04-02	430	1	6	9
1,2,3,4,7,8-HxCDF	11/11	0.89 - 92	NA-TRND-SO10-02	43	2	2.1	9
1,2,3,6,7,8-HxCDD	10/11	0.94 - 66	NA-TRND-SO04-02	43	1	1.5	8
1,2,3,7,8,9-HxCDD	11/11	3.2 - 78	NA-TRND-SO04-02	43	1	5.3	7
1,2,3,7,8-PeCDD	11/11	0.72 - 19	NA-TRND-SO04-02	8.6	1	1.6	7
2,3,4,6,7,8-HxCDF	11/11	0.97 - 57	NA-TRND-SO10-02	43	2	2.2	8
2,3,4,7,8-PeCDF	10/11	0.72 - 36	NA-TRND-SO04-02	8.6	2	1.2	9
2,3,7,8-TCDD	6/11	0.2 - 4	NA-TRND-SO04-02	4.3	0	NC	0
2,3,7,8-TCDF	10/11	0.56 – 26	NA-TRND-SO04-02	43	0	0.99	8
Total HpCDD	11/11	3.9 – 2050	NA-TRND-SO04-02	NA[c]	-	13.1	9
Total HpCDF	11/11	2 - 696	NA-TRND-SO04-02	NA[c]	-	10	9
Total HxCDD	11/11	16 - 697	NA-TRND-SO04-02	NA[c]	-	19.1	10
Total HxCDF	11/11	3.6 - 488	NA-TRND-SO04-02	NA[c]	-	11.5	8
Total PeCDD	11/11	1.2 - 253	NA-TRND-SO04-02	NA[c]	-	4.9	8
Total PeCDF	11/11	0.44 - 461	NA-TRND-SO04-02	NA[c]	-	12.1	8
Total TCDD	11/11	0.53 - 152	NA-TRND-SO04-02	NA[c]	-	2.3	9
Total TCDF	11/11	0.56 - 522	NA-TRND-SO04-02	NA[c]	-	13.3	6
OLM03.2 Semivolatiles, µg/kg							
Benzo(a)pyrene	4/11	66 - 420	NA-TRND-SO27-02	87	3	NC	0
Dibenz(a,h)anthracene	1/11	96	NA-TRND-SO27-02	87	1	NC	0
ILM04.0, CLP Metals, mg/kg							
Aluminum	11/11	41,900 – 116,000	NA-TRND-SO23-02	7,800	11	57,700	8
Antimony	7/11	1.1 - 22.5	NA-TRND-SO04-02	3.1	2	1.5	4
Arsenic	11/11	1.7 - 8.9	NA-TRND-SO04-02	0.43	11	2.6	7
Barium	11/11	55 – 606	NA-TRND-SO04-02	550	1	72.3	8
Cadmium	11/11	0.35 - 10.4	NA-TRND-SO04-02	3.9	1	0.53	10
Calcium	11/11	3,090 – 13,900	NA-TRND-SO04-02	NA	11	11,600	2
Chromium	11/11	20.6 - 77.5	NA-TRND-SO25-02	39	8	30.8	9
Copper	11/11	103 – 1,290	NA-TRND-SO04-02	310	1	116	9
Iron	11/11	40,300 – 97,100	NA-TRND-SO23-02	2,300	11	51,800	8
Lead	11/11	5.5 - 869	NA-TRND-SO04-02	400	1	8.7	9

Table 4-13 (Continued)

Analyte	Number of Detects per Sample Size	Range of Detected Concentrations	Location of Maximum Detection	Human Health Risk-Based Screening Level[a]	Number of Detects Exceeding RBSL	Reference UTL[b]	Number of Detects Exceeding UTLs
ILM04.0, CLP Metals, mg/kg (continued)							
Magnesium	11/11	8,260 – 15,100	NA-TRND-SO21-02	NA	-	12,200	1
Manganese	11/11	771 – 1,540	NA-TRND-SO23-02	160	11	890	9
Mercury	10/11	0.04 - 1.2	NA-TRND-SO04-02	0.78	1	0.04	10
Potassium	11/11	172 – 1,080	NA-TRND-SO04-02	NA	-	285	6
Silver	4/11	0.33 – 53.3	NA-TRND-SO04-02	39	1	NC	0
Sodium	11/11	116 – 1,700	NA-TRND-SO29-02	NA	-	2,030	0
Thallium	3/11	3.3 – 5.2	NA-TRND-SO21-02	0.55	3	1.7	3
Vanadium	11/11	143 – 484	NA-TRND-SO25-02	55	11	219	8

[a] Risk-Based Screening Level (RBSL) is calculated using EPA Region III residential soil risk-based concentrations (RBCs) and a hazard quotient of 0.1.

[b] Upper Tolerance Levels (UTLs) were calculated using matrix specific data from Reference Area 1.

[c] Dioxin and furan data for total congener classes are considered non-toxic. However, in the interest of completeness, the total congener classes were compared to the toxic congener RBSLs (calculated using toxicity equivalency factors [TEFs]) and exceedences are presented in this table.

NA – Toxicity data is not available for the compound; therefore, no RBSL was calculated for the indicated compound.
NC – Not calculated.

Table 4-14
Summary of Results—Trend Samples

Data Set	Number of Analytes Detected	Number of Analytes Exceeding RBSL	Number of Analytes Exceeding UTL	Number of Analytes Exceeding Both
Metals, Surface	27	19	25	18
Metals, Subsurface	26	18	22	17
Pesticides/PCBs, Surface	6	0	2	0
Pesticides/PCBs, Subsurface	5	0	2	0
Semivolatiles, Surface	21	5	5	0
Semivolatiles, Subsurface	17	2	2	0
Dioxins, Surface	17	17	16	16
Dioxins, Subsurface	17	11	14	8

For many of these metals, there were one or two anomalously high concentrations, primarily found in samples TRND-SO04-31 and TRND-SO31-01 (see Appendix E for the boxplots). Barium, cadmium, copper, lead, mercury, silver, and zinc each had just one exceedance of the RBSL, and each of these were detected at TRND-SO04-31, which is the nearest sample location north of the Jinkanpo Incineration Comples. Most of the results for these analytes were similar to the potential reference area and AOC results.

Five SVOCs were found at concentrations exceeding the RBSL; two organochlorine pesticides and four SVOCs were found at concentrations exceeding reference UTLs. However, none of these compounds exceeded *both* the RBSL and the Reference Area 1 UTL. Except for benzo(a)pyrene (where there were six exceedences of the RBSL), each SVOC was detected at a concentration exceeding its RBSL only once. Each of the maximum detections was found in the sample from location TRND-SO01-01, co-located with the upwind/criteria air monitoring site.

Subsurface Soil

Of the 17 dioxins that were detected, eight of the maximum detections exceeded both the RBSL and the Reference Area 1 UTL. Every maximum detection for dioxins was found in either sample TRND-SO04-02 or TRND-SO10-02. As the boxplots show (Appendix E), there were several outliers for each dioxin congener.

Twenty-six metals were detected in the trend samples. Eighteen of these exceeded the respective RBSL, 22 exceeded the Reference Area 1 UTL, and 17 exceeded both. As with the surface soils, five of these 17 (calcium, iron, magnesium, potassium, and zinc) are essential

nutrients. Therefore, the maximum detections of 12 analytes of interest exceed both the RBSL and the UTL. Only the maximum result for aluminum, arsenic, and lead exceeded the residential RBC for soil. For many of these analytes, there were outliers, primarily found in samples TRND-SO04-02 and TRND-SO23-02 (see Appendix E for the boxplots).

Only two SVOCs were found at concentrations exceeding the RBSL. Two organochlorine pesticides and two SVOCs were found at concentrations exceeding reference UTLs. Again, none of these compounds exceeded *both* the RBSL and the Reference Area 1 UTL.

Comparison of Surface and Subsurface Soil Contamination

The surface and subsurface data sets were compared in several ways, listed below:

- The absolute number of contaminants detected;
- The absolute number of contaminants whose maximum concentration was greater than the RBSL and the UTL;
- The maximum detections of contaminants that were found both in the surface and subsurface; and,
- The boxplots (Appendix E);

On the basis of these comparisons, it is evident that subsurface soils from the trend data set are less contaminated than the surface soils. As Table 4-15 demonstrates, there were a greater number of detections, RBSL and UTL exceedances, and maximum detections in the surface soils. The most striking differences between surface and subsurface soils were evident in the dioxin and SVOC results.

Table 4-15
Surface to Subsurface Soil Comparisons

Type of Comparison	Surface Soil	Subsurface Soil
Number of Detected Analytes	71	65
Number whose Maximum Concentration > RBSL	41	31
Number whose Maximum Concentration > UTL	48	39
Number whose Maximum Concentration > Both RBSL and UTL	34	25
Number of Analytes with Maximum Detection (Surface vs. Subsurface) – Metals	14	13
Number of Analytes with Maximum Detection (Surface vs. Subsurface) – Pesticides	3	2
Number of Analytes with Maximum Detection (Surface vs. Subsurface) – Semivolatiles	16	0
Number of Analytes with Maximum Detection (Surface vs. Subsurface) – Dioxins	17	0

4.4.2 Distribution

This subsection describes the surface and subsurface distribution of contaminants identified in samples collected for the trend analysis (those listed in Table 4-11). As previously explained, the trend data set was supplemented with sample results from non-disturbed (native) sample locations from each AOC and all the samples from the two potential reference sites. The interpolated distributions for all contaminants exceeding the respective RBSL in at least one sample are presented in Appendix G.

The Jinkanpo Incineration Complex appears to contribute to contamination of surface and subsurface soil at NAF Atsugi. Moreover, contamination is concentrated near the incinerator for most of the constituents analyzed. The following discussion details the distribution by contaminant class.

Metals

Several metals exhibited very similar patterns for the trend analysis. Antimony, barium, cadmium, copper, lead, mercury, silver and zinc all had maximum surface and subsurface concentrations at NA-TRND-SO04. The interpolated distributions for these metals, presented in Appendix G, were greatly affected by these maximum detections. Figure 4-13 shows the distribution of antimony in the surface and subsurface soil.

The boxplots for these contaminants also demonstrate that these detections were outliers to the respective data sets (the concentration of the maximum detection was much higher than the remainder of the data). The fact that these outliers were found in samples collected near the Jinkanpo Incineration Complex suggests that the complex is the source of the contamination.

Except for zinc, all of these metals were present in subsurface soils at concentrations exceeding their RBSLs. Generally, higher concentrations of these elements were found in surface soils. Copper exhibited a similar distribution as the other seven but differed in that higher concentrations were found in subsurface soil rather than surface soil.

Aluminum, manganese, and vanadium exhibited no clear pattern in either the surface or subsurface soils. It appears that soil over the entire base contains concentrations of these metals at levels above RBSLs, but only aluminum concentrations exceed the RBC in some areas. The uniform distribution of concentrations across the base suggests that the presence of these constituents is not a result of Jinkanpo Incineration Complex operations.

Arsenic and chromium were found at elevated levels near the Jinkanpo Incineration Complex, but were also found at similar levels in other portions of the base. For both metals, it appears that the Jinkanpo Incineration Complex could have affected surface and subsurface soil. However, other sources of these metals appear to be present in other portions of the base, especially for arsenic. All of the interpolated concentrations of arsenic exceed the RBSL; most of the values for chromium exceed the RBSL.

Thallium concentrations are elevated in several surface soil samples collected north of the Jinkanpo Incineration Complex, however, concentrations at some of the Reference Area 2 locations also were elevated. It is unclear how this pattern relates to Jinkanpo Incineration Complex operations. All concentrations were below the RBC, although a majority of the observed and interpolated concentrations exceeded the RBSL. No clear pattern was evident for subsurface soil. Concentrations were similar to those found in the surface.

Pesticides/PCBs

No organochlorine pesticides or PCBs were detected at or above RBSLs in either surface or subsurface soils.

Semivolatiles

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene all exhibited similar distribution patterns. Figure 4-14 shows the spatial distribution of benzo(a)anthracene in surface and subsurface soils. For each of these compounds, the maximum concentration was found in the surface soil sample TRND-SO01-01. However, all of the subsurface soil maximum results were found in TRND-SO27-02. Only benzo(a)pyrene and dibenz(a,h)anthracene exceed the RBSL in the subsurface soil. The concentrations in the surface soil are higher than in the subsurface, and the maximum result for all five SVOCs exceeded the RBSL.

Based on the lack of spatial trends, and the generally isolated occurrence of the SVOCs, their presence in soils does not appear to be associated with the Jinkanpo Incineration Complex.

Dioxins

For the trend analysis samples, the TEQ was calculated and plotted for surface and subsurface soil, as shown in Figure 4-15. As the figure shows, all of the interpolated TEQ values exceed the RBSL for 2,3,7,8-TCDD in surface soil; most of the sampled and interpolated area

also exceeds the RBSL in subsurface soil. There is a definite trend of high concentrations near the Jinkanpo Incineration Complex in both surface and subsurface soil, primarily focused around sample location TRND-SO04. However, sample location TRND-SO06, which lies to the east and on the golf course, also exhibited a relatively high TEQ concentration. Because this sample was somewhat isolated (no other samples were collected nearby), a large area of apparent contamination (off-base and near Jinkanpo Incineration Complex) was interpolated as shown on Figure 4-15.

Most of the dioxin congeners exhibited distributions similar to the above TEQ distribution, with the maximum detections always found in either sample TRND-SO04 or -SO06. Other congeners, like 1,2,3,4,6,7,8,9-OCDD, were also found at another subsurface location at the Elementary School, at levels greater than the RBSL (see Figure 4-16). 1,2,3,7,8,9-HxCDF was detected in the subsurface at location TRND-SO27-01 at a concentration higher than the remaining subsurface data, but at a level below the RBSL.

Table 4-16 provides general descriptions of the distributions for each congener. Plots of the interpolated distributions are presented in Appendix H. Congeners with "typical" distributions have surface and subsurface distributions similar to those described for the TEQ data. These congeners usually have two areas of concentrations greater than the RBSL in the surface soil, centered on TRND-SO04 and TRND-SO06. They also have one area of concentrations in the subsurface greater than the RBSL, centered near TRND-SO04 and TRND-SO10.

Summary

The Jinkanpo Incineration Complex appears to have affected the distribution of target analytes in surface and subsurface soil at NAF Atsugi. A clear trend, especially with dioxins, is evident. Concentrations of several metals were also clearly elevated near the complex. Although SVOC concentrations were elevated at location TRND-SO01, it is possible that the source of these compounds is not the Jinkanpo Incineration Complex.

4.5 Surface versus Subsurface Soil

This section presents the results of the comparisons between surface and subsurface soil. As discussed in previous sections, qualitative comparisons between concentrations in the surface and subsurface soils were performed to assess how the risk at each AOC varies with depth and to determine whether the trends are consistent in both the surface and subsurface soil. In general, subsurface soil concentrations are lower than surface soil concentrations. However, the fact that

Table 4-16
Description of Dioxin Distributions

Congener	Surface	Subsurface
1,2,3,4,6,7,8,9-OCDD	One area of contamination centered on SO04	Typical, but additional contamination at the Elementary School greater than RBSL
1,2,3,4,6,7,8-HpCDD	Typical	Typical, but additional contamination at the Elementary School less than RBSL
1,2,3,4,6,7,8-HpCDF	Typical	Typical, but less than RBSL
1,2,3,4,7,8,9-HpCDF	Typical	Typical, but less than RBSL
1,2,3,4,7,8-HxCDD	Typical	Typical, but less than RBSL
1,2,3,4,7,8-HxCDF	Most of the area greater than RBSL	Typical
1,2,3,6,7,8-HxCDD	Typical	Typical
1,2,3,6,7,8-HxCDF	Typical	Typical, but less than RBSL
1,2,3,7,8,9-HxCDD	Typical	Typical
1,2,3,7,8,9-HxCDF	Typical, but area centered on SO04 is less than RBSL	No exceedences of RBSL
2,3,4,6,7,8-HxCDF	Typical. Large area greater than RBSL	Typical
1,2,3,7,8-PeCDD	Typical. Large area greater than RBSL	Typical
1,2,3,7,8-PeCDF	Typical	Typical, but less than RBSL
2,3,4,7,8-PeCDF	Most of the area greater than RBSL	Typical
2,3,7,8-TCDD	Typical	Typical, but less than RBSL
2,3,7,8-TCDF	Typical	Typical, but less than RBSL

fewer samples were collected in the subsurface soil leads often leads to inconclusive comparisons with reference concentrations and increased uncertainty in the risk estimates. The trend analysis also suggests lower concentrations in the subsurface soil than in the surface soil. Nonetheless, higher concentrations of many analytes in the vicinity of the Jinkanpo Incinerator Complex were found in the subsurface as well as the surface soil, suggesting that the Incinerator has probably had some effect on the subsurface as well as on the surface soil.

In addition, more direct comparisons between the surface and subsurface soil concentrations were performed by evaluating those locations where both a surface soil sample and a subsurface soil sample were collected. As explained in Section 3.2.4, only those locations that were also included in the trend analysis were used for this evaluation. For these locations, scatterplots of concentrations in the surface soil versus concentrations in the subsurface soil were constructed.

Figure 4-17 shows the scatterplots for cyanide and the inorganic constituents. Notice the moderately strong linear relationship, consistent across many of the analytes. These plots suggest that, in general, high concentrations in the surface soil correspond to high concentrations in the subsurface soil and low concentration in the surface soil corresponds to low concentrations in the

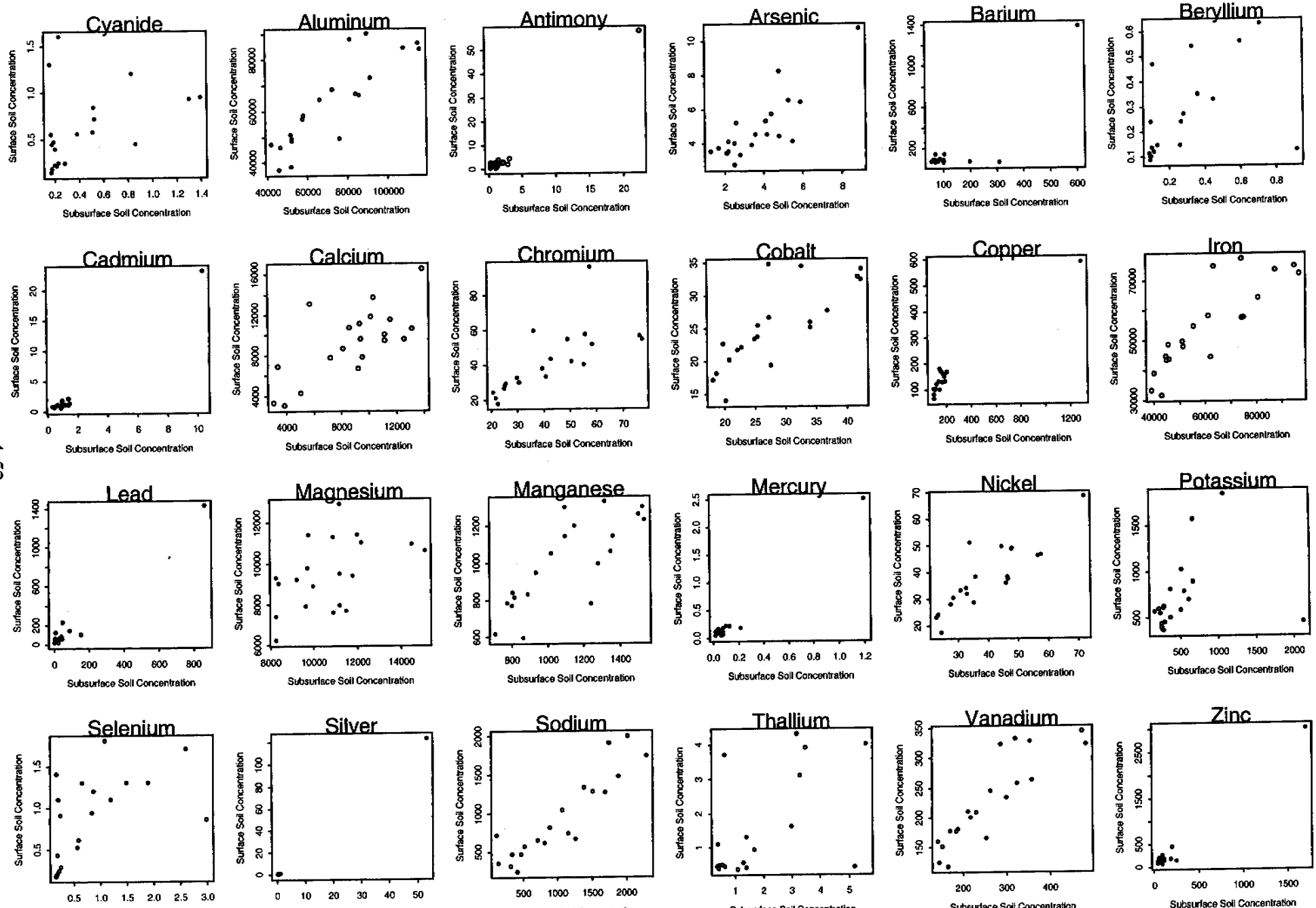


Figure 4-17. Scatter Plots for Metals and Cyanide

subsurface soil. The implication is that when the surface soil has been affected for metals, so has the subsurface soil. Thus, subsurface soil may not be a good source for establishing reference, or unaffected, concentrations. Figure 4-18 shows the scatterplots for the dioxins. In general, the one or two locations with the highest concentrations in the surface soil also have the highest concentrations in the subsurface soil, providing further evidence for the observation that when the surface soil has been affected, so has the subsurface soil. When the two most affected locations are omitted, however, there is no strong relationship between the surface and subsurface soil concentrations. This suggests that for dioxins, the association is less strong between effects at the surface and effects at the subsurface than for metals. Plots for the remaining analytes also were constructed and studied, but are not presented here. In general, the results are consistent with those shown in Figures 4-17 and 4-18.

This evaluation supports the following two conclusions:

- Subsurface soil concentrations should not be used to establish reference concentrations.
- The locations where the surface soil has been most strongly affected tend to also show affects in the subsurface soil.

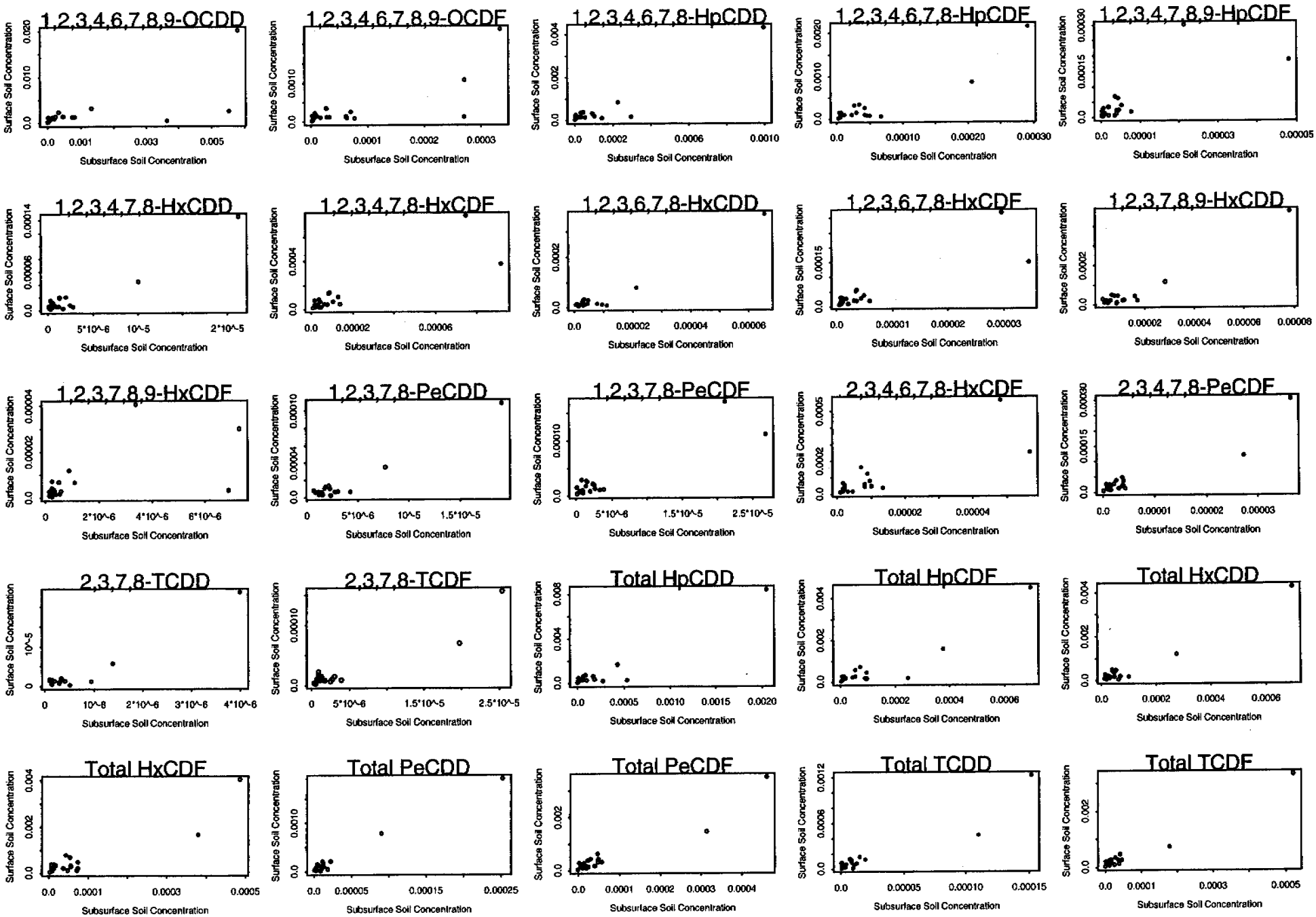


Figure 4-18. Scatter Plots for Dioxins

5.0 Conclusions and Recommendations

This section provides conclusions and recommendations for future activities at NAF Atsugi based on the March 1998 soil sampling.

5.1 Conclusions

Overall

- The March 1998 soil sampling provided data to address the two project objectives. Quality analytical data from pre-determined AOCs and across the base are now available for assessing risk and evaluating trends. None of the soil data were invalidated.

- The soil data set will allow risk assessors to determine risk to sensitive receptors in AOCs and, by evaluating the estimated analyte concentration trends across the base, qualitatively assess risks in other portions of the base.

- The unavailability of true "background" (i.e., unaffected) concentrations for soil constituents at NAF Atsugi increases the difficulty associated with the data evaluation. In lieu of background, calculations are based on comparisons to "reference" concentrations, which are from areas believed to be minimally affected by the Jinkanpo Incineration Complex and other potential contaminant sources.

- Although the data set is sufficient for assessing risks and determining analyte distribution trends across the base, additional soil data would provide increased confidence in risk determination and provide further definition of contaminant distribution patterns. Additional data would also further substantiate that the Jinkanpo Incineration Complex is the origin of some contaminants. This is particularly true for some metals and dioxins.

Trend Analysis

- The Jinkanpo Incineration Complex appears to have affected surface (0-3 in.) and subsurface soil (3-12 in.) at NAF Atsugi.

- Concentrations of some dioxins and metals are highest near the Jinkanpo Incineration Complex and decrease with distance from this apparent source.

- Surface soils are generally more contaminated than subsurface soils, especially for dioxins.

- Some analyte concentrations are higher than RBSLs and reference concentrations.

- Interpolted trend analysis data show the TEQ for dioxins exceeds the RBSL over the entire NAF Atsugi.

- Detections of pesticides, PCBs, and SVOCs are random and infrequent and do not appear to be related to the Jinkanpo Incineration Complex.

- Based on predominate wind patterns and location, SVOCs detected southeast of the Jinkanpo Incineration Complex may be the result of another source.

- The large distance between some sample locations resulted in larger interpolated areas of increased contamination than may actually be present.

Reference and AOC Investigations

- Soils from potential Reference Area 2 were deemed inappropriate for use in the reference data set, so reference UTLs were calculated only from the Reference Area 1 data.

- The presence of contaminants at levels exceeding RBSLs in the subsurface soil and the correlation between surface and subsurface soil concentrations suggests that exclusive use of subsurface soils as a reference data set (i.e., contamination, where present, usually extends below the surface, or 0-3" interval) may not be appropriate.

- Some compounds that are not naturally occurring appear to be ubiquitous throughout the base, so UTLs were calculated for organic as well as inorganic compounds. This allowed investigators to determine if contaminants appeared to be related to the Jinkanpo Incineration Complex or to other sources.

- The coverages of 95% were not met for UTL calculations for three metals antimony, beryllium, and silver) in surface soils and all analytes in subsurface soils.

- Due to low statistical power for AOC-to-reference means comparison and low statistical coverage for reference UTLs, there is uncertainty associated with the classification of some inorganic compounds as contaminates of concern for risk assessment, particularly for subsurface soil.

- The low statistical power and low statistical coverage are less likely to affect risk assessment decisions for organic compounds because these analytes would not be eliminated as constituents of concern in a risk assessment. However, the low power and coverage lead to increased uncertainty in determining whether contaminants appear to be related to the Jinkanpo Incineration Complex.

5.2 Recommendations

The recommendations which follow are based on the March 1998 soil sample results, and on how well the existing data satisfy the project and data quality objectives.

- No additional soil sampling should be performed for pesticides or PCBs.
- Because the risk assessment may depend on eliminating inorganic analytes that fall within the reference level range, and may only compute risks for those that are deemed contaminants of concern, additional samples should be collected to strengthen the reference-to-site comparisons.
- To allow better definition of the spatial extent of some contaminants, and to more conclusively determine the source origin, additional soil samples are recommended for dioxin, SVOC, and metals analyses.

Table 5-1 lists specific numbers of samples recommended to strengthen the soil data set for risk assessment and to fill spatial data gaps in the trend analysis distribution. The statistical approach used to arrive at the recommended soil sampling strategy is contained in Appendix J. The locations for the recommended samples to support the Reference Area 1 to AOC comparisons would be field-located within the respective areas. The approximate locations for additional sampling to support the trend analysis are provided in the table.

Table 5-1
NAF Atsugi Soil Sampling Recommendations

Data Set	Recommended Additional Samples		Rationale
	Surface	Subsurface	
Reference Area 1 to AOCs			
Reference Area 1	6 (metals and dioxins)	9 (metals and dioxins)	These additional samples will increase the UTL coverage, resulting in more certainty that an AOC result above the UTL is indicative of contamination. Furthermore, these additional samples will improve the power of the means comparisons for all AOCs.
Child Development Center	8 (metals)	4 (metals)	If the recommended numbers of additional reference samples also are collected, these additional samples will increase the power of the means comparisons, thereby improving the certainty associated with COPC determination in the risk assessment.
Elementary School	8 (metals)	12 (metals)	If the recommended numbers of additional reference samples also are collected, these additional samples will increase the power of the means comparisons, thereby improving the certainty associated with COPC determination in the risk assessment.
Tower Housing Area	0 (metals)	4 (metals)	If the recommended numbers of additional reference samples also are collected, these additional samples will increase the power of the means comparisons, thereby improving the certainty associated with COPC determination in the risk assessment.
Trend Analysis Samples			
Metals		4	If the recommended number of subsurface soil samples are collected west of NA-TRND-SO04-02, these additional samples will allow better understanding of the subsurface distribution of antimony, barium, copper, cadmium, lead, mercury, silver, and zinc.
	8		If the recommended number of surface soil samples are collected from the Jinkanpo Incineration Complex to the north end of the runway, it will further define the distinct pattern of aluminum, chromium, manganese, and vanadium in surface soil across the base.
Semivolatiles	4		If the recommended number of surface soil samples are collected surrounding NA-TRND-SO01-01, it will allow for better determination of the extent of SVOCs detected at this location.
Dioxins	6		If the recommended number of surface soil samples are collected surrounding NA-TRND-SO06-01, it will allow for better determination of the extent of "typical" dioxin congener surface distribution near the Jinkanpo Incineration Complex.
		4	If the recommended number of subsurface soil samples are collected surrounding the NA-TRND-SO04-02 (co-located with above recommended metals samples), it will allow for better understanding of the subsurface distribution of "typical" dioxin congener distributions.

6.0 References

EPA Region III, 1998. "Updated Risk-Based Concentration Table" [memorandum]. Jennifer Hubbard, Toxicologist. April.

NEHC, 1995. Preliminary Human Health Risk Evaluation of the Jinkanpo Incineration Complex Activities.

Radian, 1998. Soil Sampling Plan to Demonstrate Health Impacts From the Jinkanpo Incineration Complex, NAF Atigusi, Japan, February.

U.S. EPA, 1989. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Risk Assessment Guidance for Superfund, Vol. 1, Human Health Evaluation Manual (Part A).

U.S. EPA Region III, 1993. Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analysis, April.

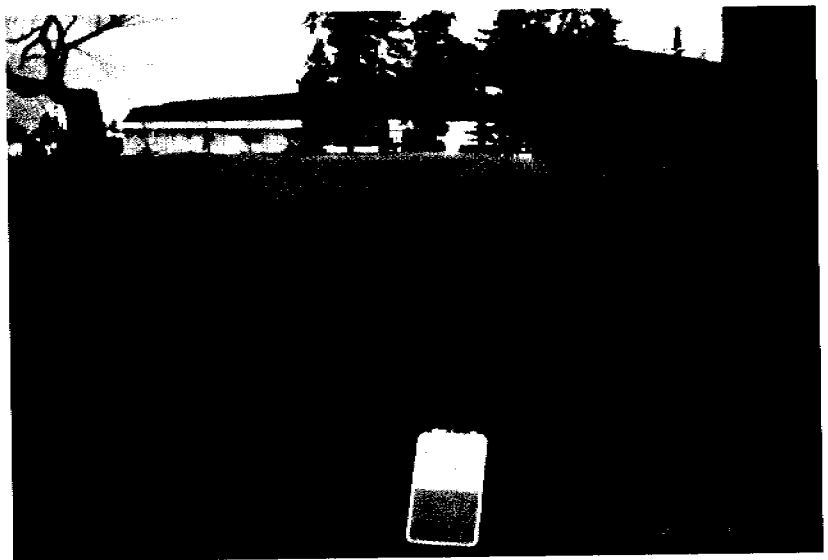
U.S. EPA, 1994. Contract Laboratory Program National Functional Guidelines for Organic Data Review, September, EPA Region III.

U.S. EPA, 1998. The U.S. EPA Toxicity Equivalency Factors, July. (http://www.epa.gov/nceawww1/dechem.htm).

APPENDIX B

Photographs of Sample Locations

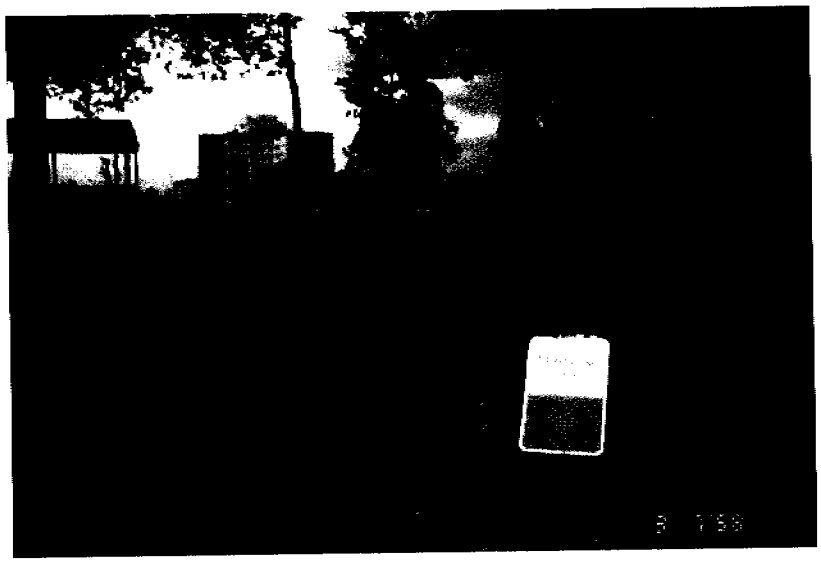
Reference Area 1



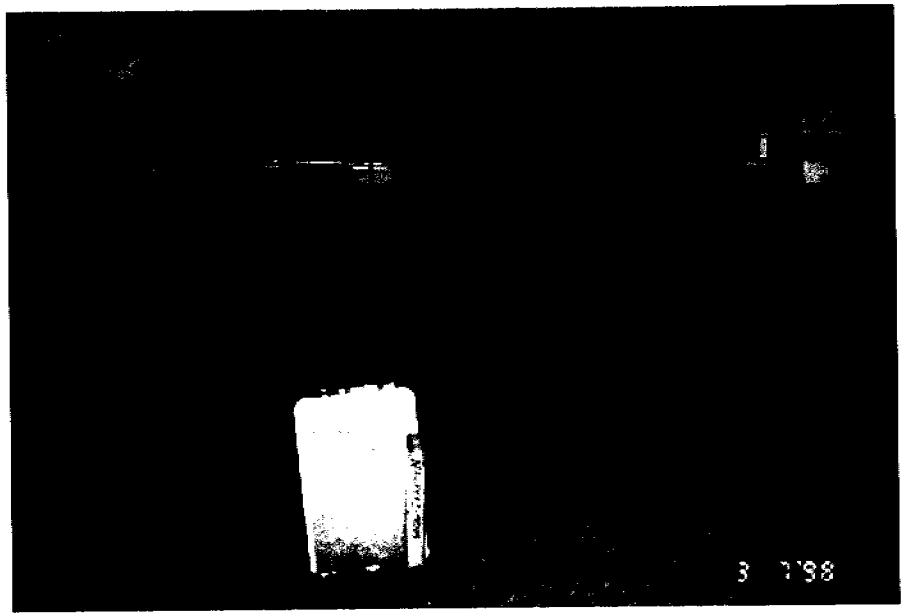
ID's: NA-REF1-SO01-31; Date: 3/7/98; Location: 82' NW of NW corner of Bldg. #3015; Depth: 0-3"; Matrix: OL; View: Southeast

ID's: NA-REF1-SO02-01 & 02 & 12 (duplicate); Date: 3/7/98; Location: 70' West-northwest of NW corner of Bldg. # 3015; Depth: 0-3"; Matrix: OL; View: Southeast

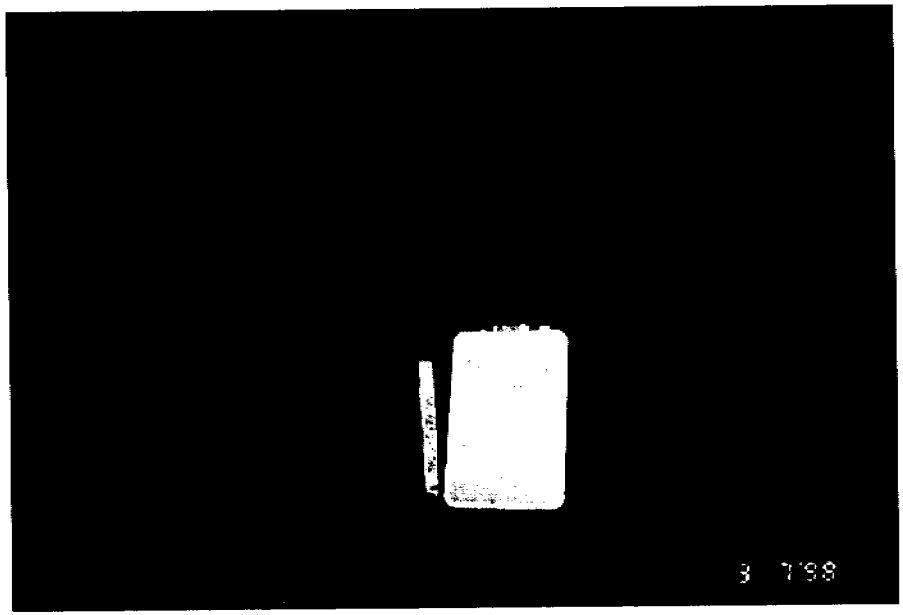
ID's: NA-REF1-SO03-01; Date: 3/7/98; Location: 66' west of NW corner of Bldg. # 3015; Depth: 0-3"; Matrix: OL; View: East



ID's: NA-REF1-SO04-01 & 02; Date: 3/7/98; Location: 124' SW of NW corner of Bldg. # 3015; Depths: 0-3" and 3-12"; Matrix: OL; View: East

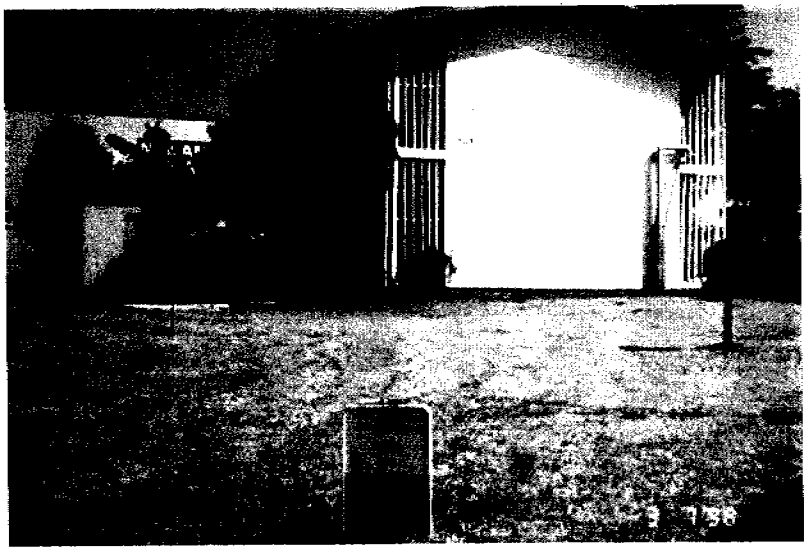


ID's: NA-REF1-SO05-01;
Date: 3/7/98;
Location: 163' SW of NW corner of Bldg. # 3015;
Depth: 0-3";
Matrix: OL;
View: East



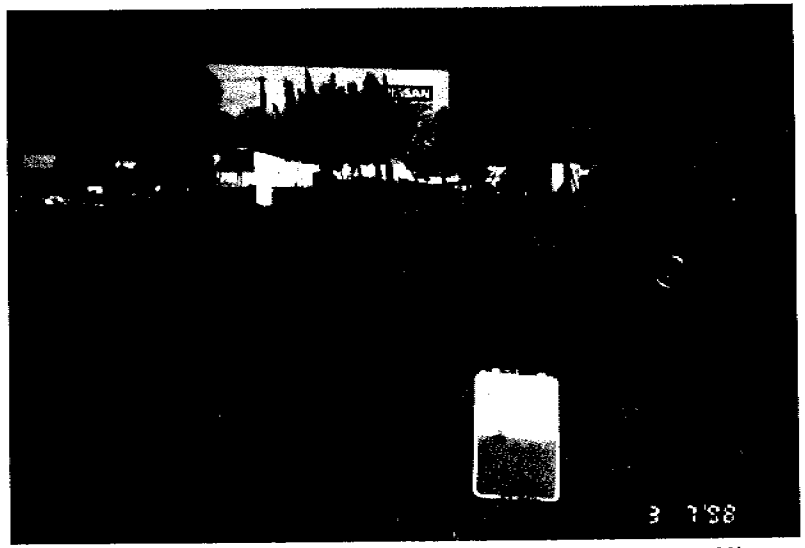
ID's: NA-REF1-SO06-01 & 02;
Date: 3/7/98;
Location: 165' South-southwest of NW corner of Bldg. # 3015;
Depths: 0-3" and 3-12";
Matrix: OL;
View: East

Reference Area 2

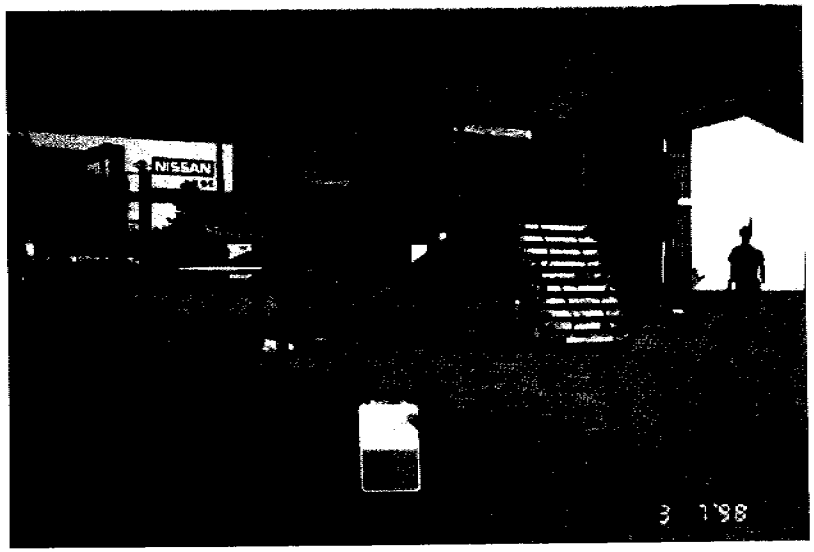


ID's: NA-REF2-SO01-01 & 02; Date: 3/7/98; Location: 62' NW of NW corner of Bldg. # 527; Depths: 0-3" and 3-12"; Matrix: OL; View: East-southeast

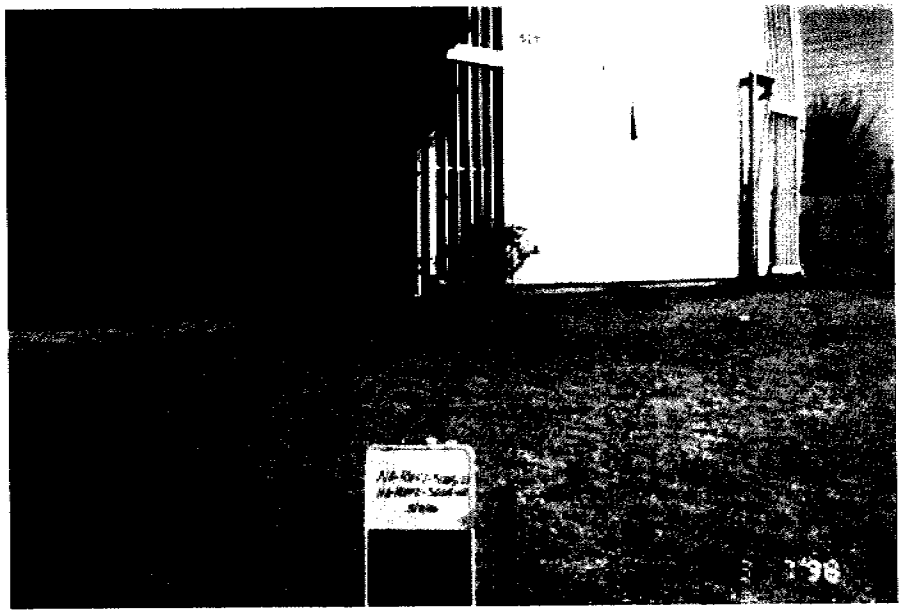
ID's: NA-REF2-SO03-01 & 02;
Date: 3/7/98;
Location: 120' NW of NW corner of Bldg # 527;
Depths: 0-3" and 3-12";
Matrix: OL;
View: Southeast



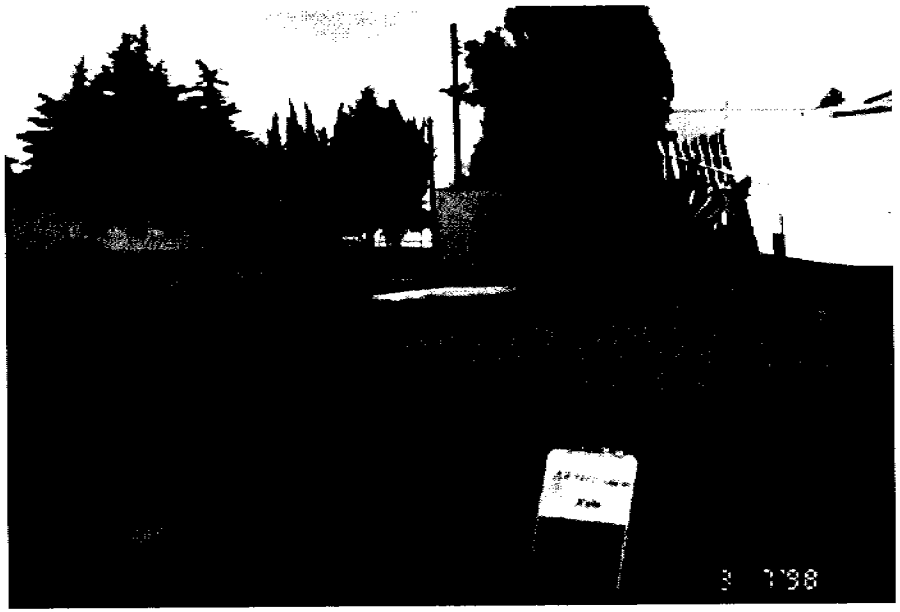
ID's: NA-REF2-SO02-01 & 51 (equipment blank); Date: 3/7/98; Location: 130' NW of NW corner of Bldg. #527; Depth: 0-3"; Matrix: OL; View: East



ID's: NA-REF2-SO04-01; Date: 3/7/98; Location: Adjacent to merry-go-round, 83' NW of NW corner of Bldg. # 527; Depth: 0-3"; Matrix: OL; View: East-southeast

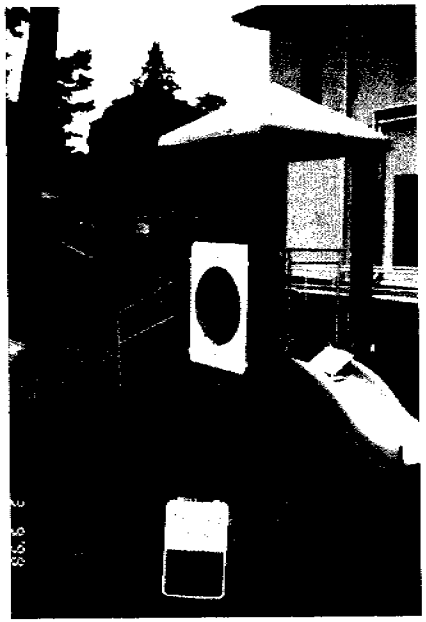


ID's: NA-REF2-SO05-01 & 02;
Date: 3/7/98;
Location: 30' NW of NW corner of Bldg.# 527;
Depths: 0-3" and 3-12";
Matrix: OL;
View: Southeast

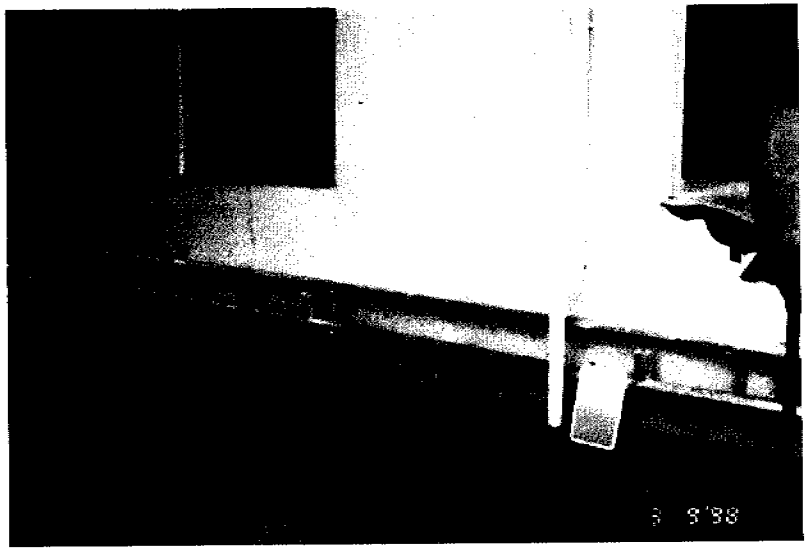


ID's: NA-REF2-SO06-01 & 11 (duplicate);
Date: 3/7/98;
Location: 44' West of NW corner of Bldg. # 527;
Depth: 0-3";
Matrix: OL;
View: East

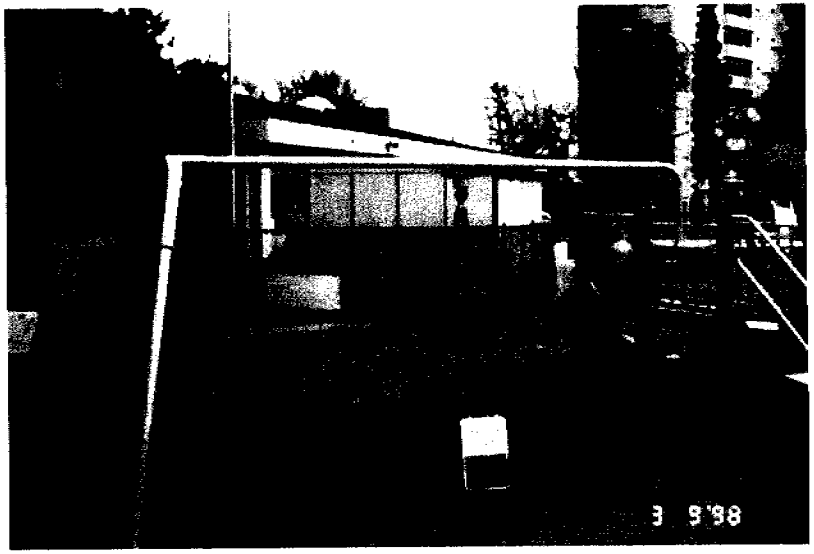
Child Development Center



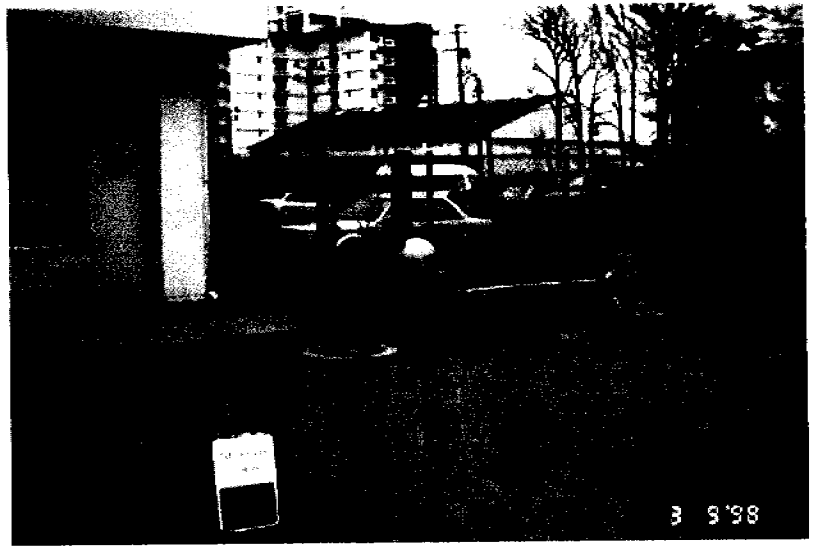
ID's: NA-DVCT-SO01-31 & 02;
Date: 3/9/98;
Location: Near playslide on NW side of Bldg # 291;
Depths: 0-3" and 3-12";
Matrix: SW first 1", then OL;
View: Northeast



ID's: NA-DVCT-SO02-01 & 11 (duplicate); Date: 3/9/98; Location: Under downspout on west side of Bldg. #291, approximately 15' south of first divider fence; Depth: 0-3"; Matrix: SW/OL (mixed); View: East



ID's: NA-DVCT-SO03-01 & 02; Date: 3/9/98; Location: Under tire swing about 12' west of SW corner of Bldg. # 291; Depths: 0-3" and 3-12"; Matrix: SW going to OL at about 1"; View: Southeast

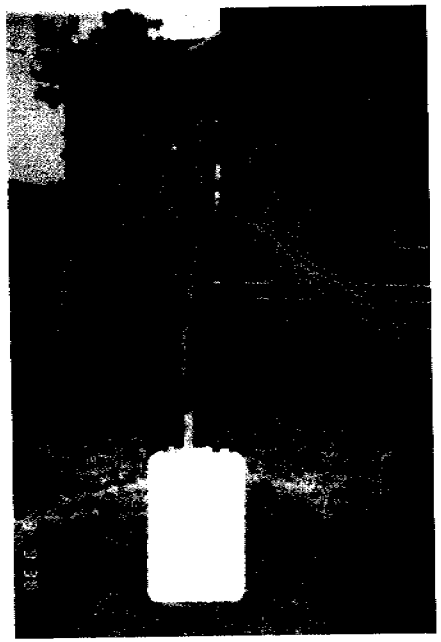


ID's: NA-DVCT-SO04-01 & 51 (equipment blank); Date: 3/9/98; Location: In play area about 15' west of SW corner of Bldg. # 286; Depth: 0-3"; Matrix: SW; View: East

ID's: NA-DVCT-SO05-01 & 02; Date: 3/9/98; Location: In play area on NE side of Bldg. # 291 about 8' south of matted area; Depths: 0-3" and 3-12"; Matrix: about 1" of SW overlying OL; View: North-northeast

ID's: NA-DVCT-SO06-01; Date: 3/9/98; Location: In sandbox on east side of Bldg. #291; Depth: 0-3"; Matrix: About 1" of SW overlying OL; View: South

ID's: NA-DVCT-SO07-01 & 02; Date: 3/9/98; Location: At end of slide on east side of Bldg. # 291; Depths: 0-3" and 3-12"; Matrix: About 2 - 3" of SW overlying OL; View: South

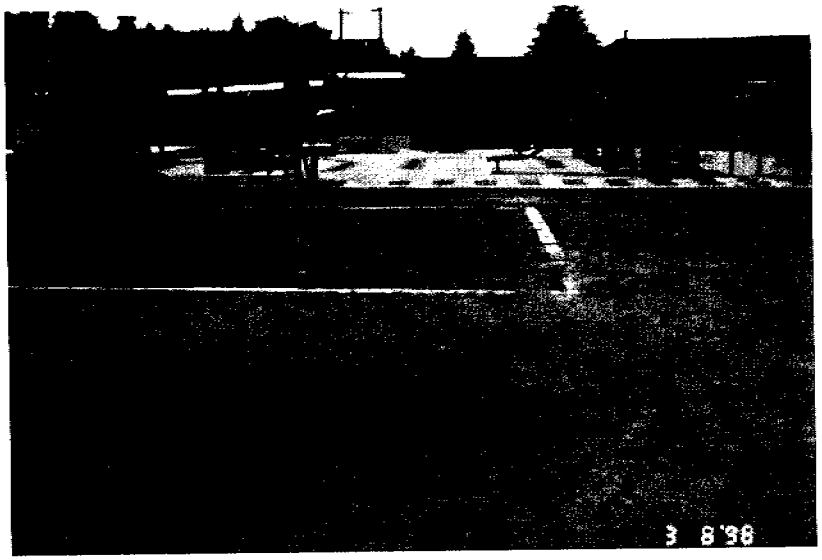


ID's: NA-DVCT-SO08-01;
Date: 3/9/98;
Location: In play area to the east of the SE corner of Bldg # 291;
Depth: 0-3";
Matrix: OL;
View: West

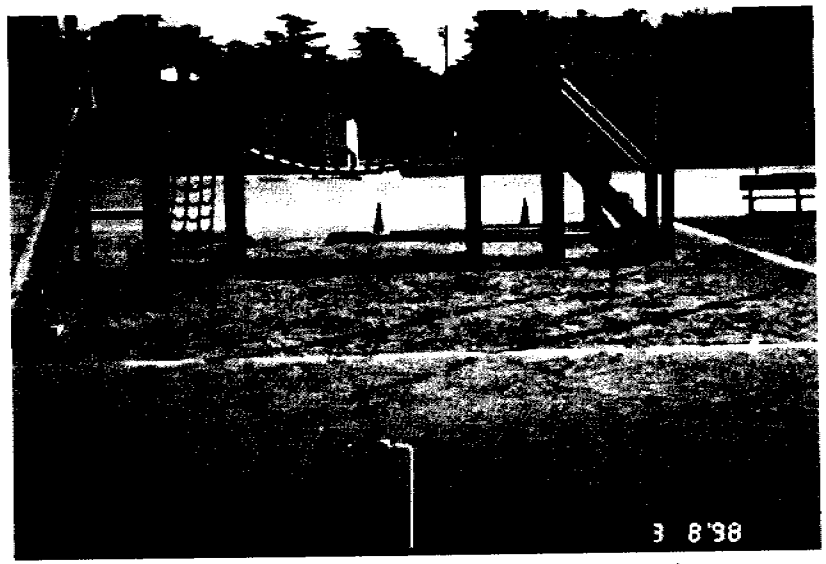
Elementary School

ID's: NA-ELEM-SO01-01 & 02; Date: 3/8/98; Location: School playground, under chin-up bars; Depths: 0-3" and 3-12"; Matrix: SW w/gravel; View: South

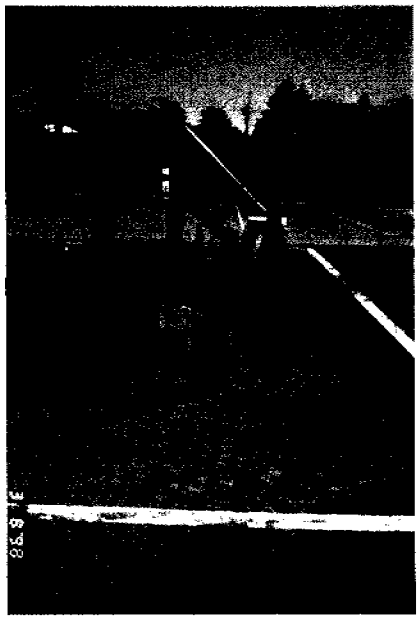
ID's: NA-ELEM-SO02-01 & 11 (duplicate);
Date: 3/8/98;
Location: School playground, swing set area;
Depth: 0-3";
Matrix: SW w/gravel;
View: West



ID's: NA-ELEM-SO03-01 & 02; Date: 3/8/98; Location: School playground, about 10' north of slide; Depths: 0-3" and 3-9"; Matrix: Thin sand cover over OL; View: South



ID's: NA-ELEM-SO04-01 & 51 (equipment blank); Date: 3/8/98; Location: School playground, about 10' west of playscape; Depth: 0-3"; Matrix: SW overlying OL; View: East

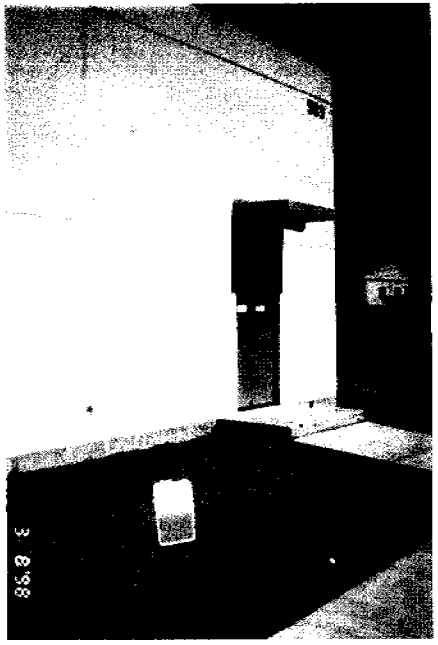


ID's: NA-ELEM-SO05-01 & 02;
Date: 3/8/98;
Location: School playground, in sandy area next to playscape;
Depths: 0-3" and 3-12";
Matrix: SW w/gravel;
View: East

ID's: NA-ELEM-SO06-01;
Date: 3/8/98;
Location: School playground, under monkey bars in NW corner of playground;
Depth: 0-3";
Matrix: SW;
View: Southeast

ID's: NA-ELEM-SO07-01 & 02; Date: 3/8/98; Location: In low area (ditch) to the NE of the NE corner of Bldg. # 993; Depths: 0-3" and 3-12"; Matrix: OL; View: South-Southwest

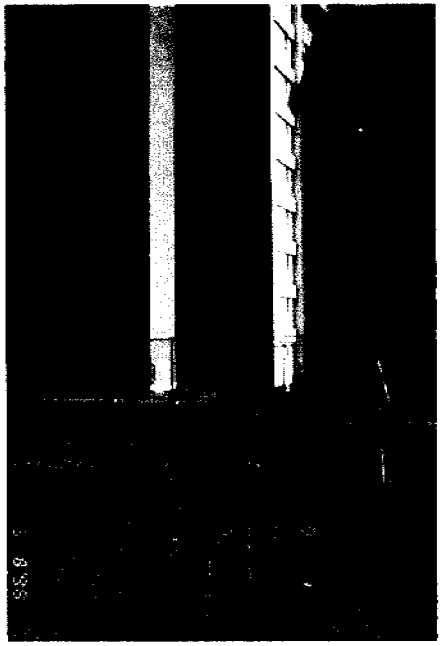
ID's: NA-ELEM-SO08-01;
Date: 3/8/98;
Location: 4' south of southern end of Bldg. # 989;
Depth: 0-3";
Matrix: OL;
View: Northeast



Residential Tower Area

ID's: NA-TOWR-SO01-01; Date: 3/8/98; Location: In picnic area, 40' north of tennis courts (#696); Depth: 0-3"; Matrix: OL; View: South-southeast

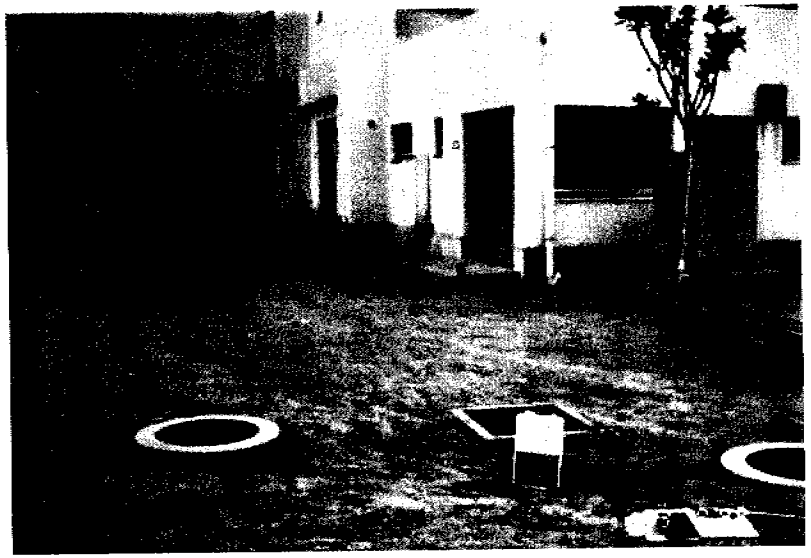
ID's: NA-TOWR-SO02-01 & 32;
Date: 3/8/98;
Location: In picnic area, low spot 50' east of tennis courts (#696);
Depths: 0-3" and 3-12";
Matrix: OL;
View: South-southeast



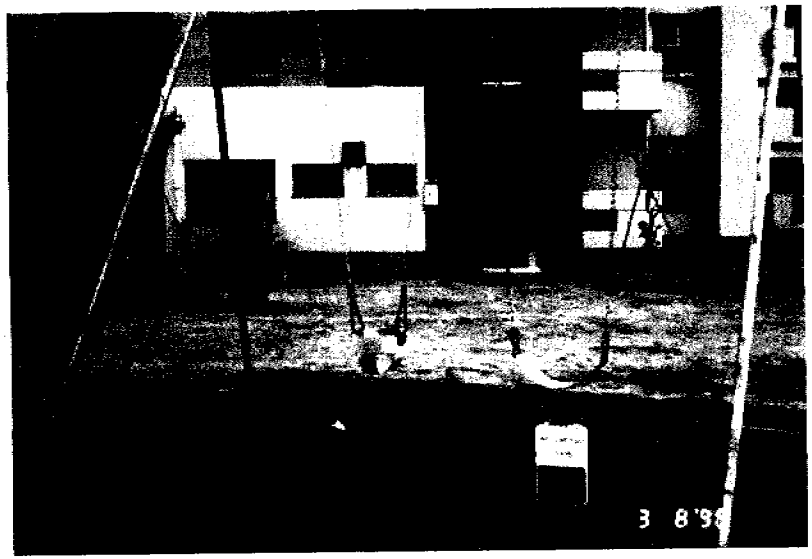
ID's: NA-TOWR-SO03-01 & 11 (duplicate);
Date: 3/8/98;
Location: In southeastern portion of picnic area, about 180' north of Bldg. # 3101;
Depth: 0-3";
Matrix: OL;
View: South

ID's: NA-TOWR-SO04-01, 02 & 12 (duplicate); Date: 3/8/98; Location: Under tire swing in middle of picnic area; Depths: 0-3" and 3-12"; Matrix: OL; View: South-southeast

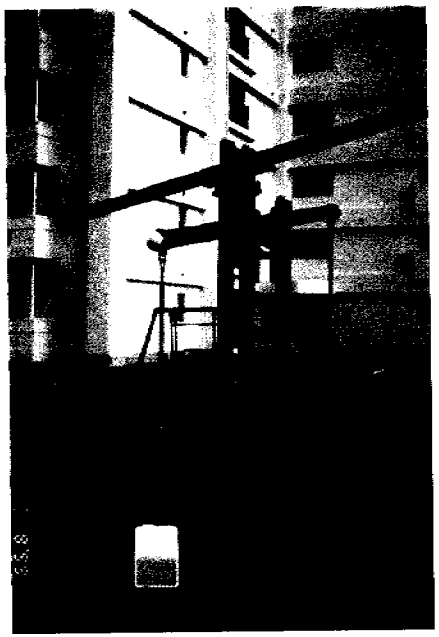
ID's: NA-TOWR-SO05-01; Date: 3/8/98; Location: Under hand swings in southeastern portion of picnic area; Depth: 0-3"; Matrix: SW over OL; View: Southeast-south



ID's: NA-TOWR-SO06-01 & 02; Date: 3/8/98; Location: 30' north of northern side of Bldg. #3101, low spot; Depths: 0-3" and 3-12"; Matrix: OL; View: South

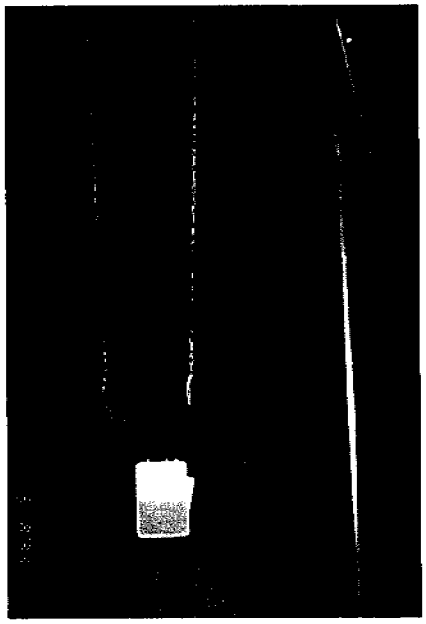


ID's: NA-TOWR-SO07-01; Date: 3/8/98; Location: Under swingset to north of Bldg. # 3101; Depth: 0-3"; Matrix: SW; View: South

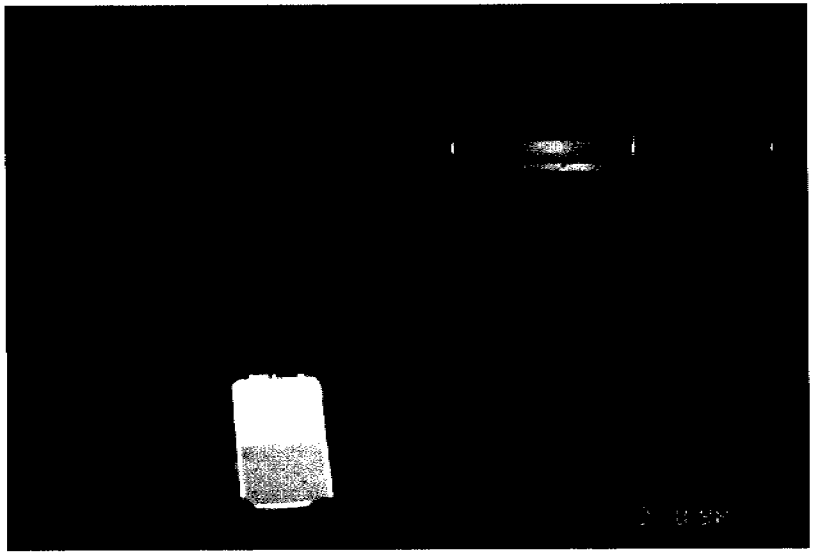


ID's: NA-TOWR-SO08-01;
Date: 3/8/98;
Location: Under see-saw to NW of Bldg. # 3101;
Depth: 0-3";
Matrix: OL;
View: South-southeast

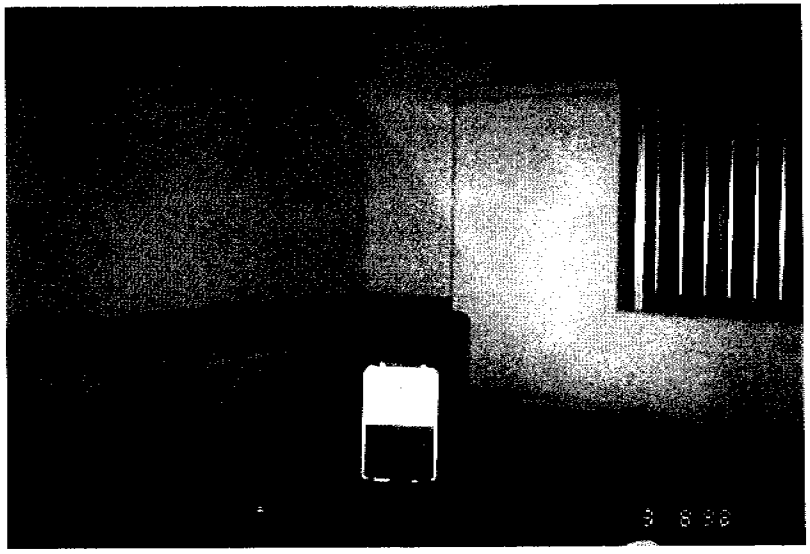
ID's: NA-TOWR-SO09-01; Date: 3/8/98; Location: 8' south of Bldg. # 3101; Depth: 0-3"; Matrix: OL; View: North



ID's: NA-TOWR-SO10-01 & 02;
Date: 3/8/98;
Location: Under swingset 100' east-northeast of Bldg. # 3102;
Depths: 0-3" and 3-12";
Matrix: OL;
View: West



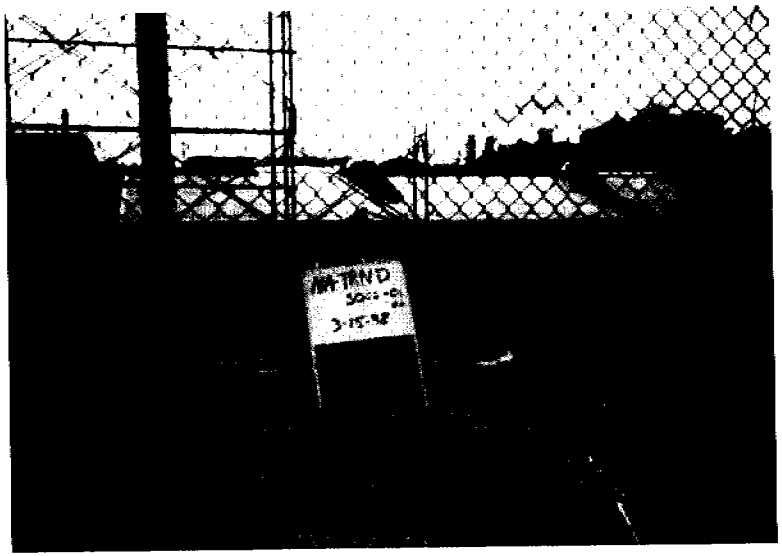
ID's: NA-TOWR-SO11-01; Date: 3/8/98; Location: In playscape area 75' east-northeast of Bldg. # 3102; Depth: 0-3"; Matrix: SW; View: West



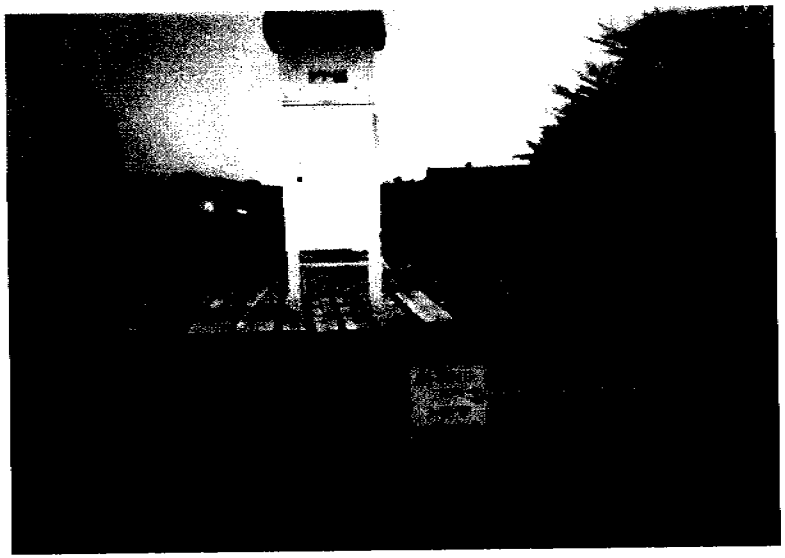
ID's: NA-TOWR-SO12-01; Date: 3/8/98; Location: Adjacent to NE corner of Bldg. # 3102; Depth: 0-3"; Matrix: OL; View: West

Trend Locations

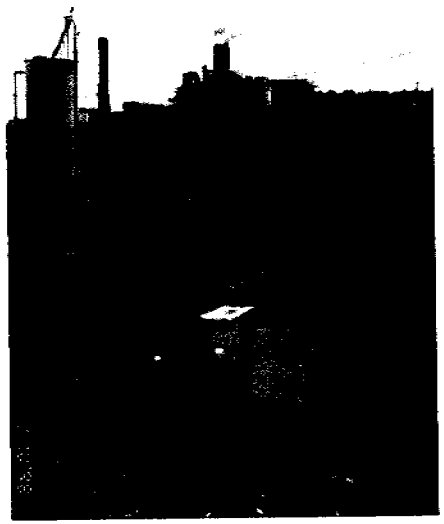
ID's: NA-TRND-SO01-01 & 02; Date: 3/15/98; Location: Co-located with upwind/criteria air monitoring station, in southern portion of base near skeet and trap range; Depths: 0-3" and 3-12"; Matrix: OL; View: North



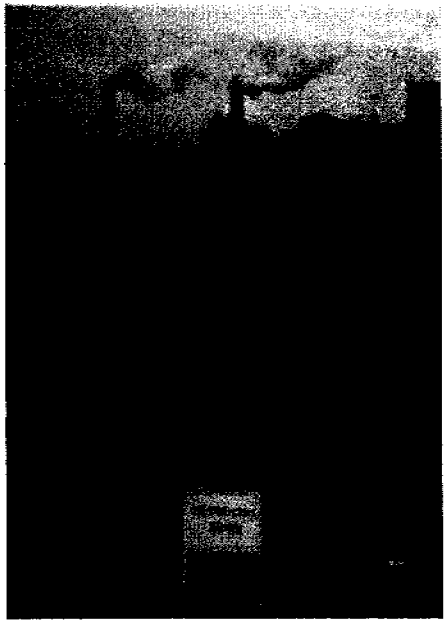
ID's: NA-TRND-SO02-01 & 02; Date: 3/15/98; Location: Co-located with Golf Course air monitoring station, due east of and adjacent to incinerator fenceline; Depths: 0-3" and 3-12"; Matrix: OL; View: West



ID's: NA-TRND-SO03-01 & 02; Date: 3/15/98; Location: Co-located with Ground Electronics Maintenance site, north of incinerator; Depths: 0-3" and 3-12"; Matrix: OL; with fill; View: North



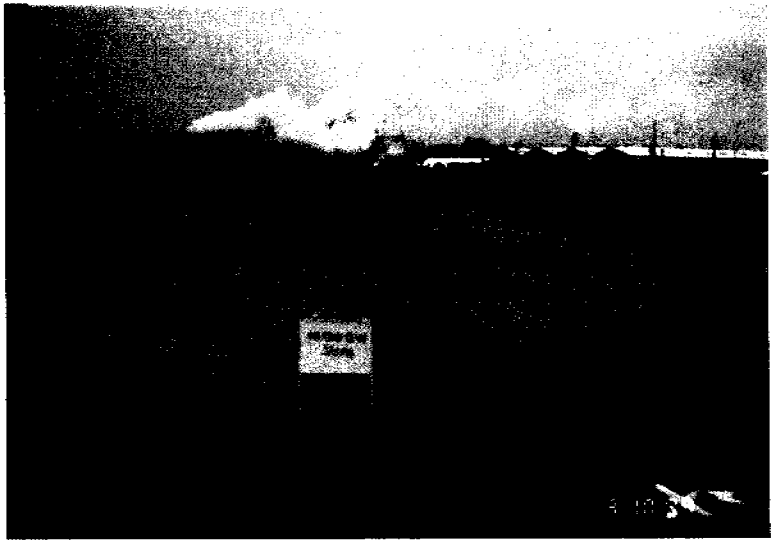
ID's: NA-TRND-SO04-31, 11 (duplicate), & 02;
Date: 3/10/98;
Location: 25' north of Base boundary fenceline, north-northeast of incinerator;
Depths: 0-3" and 3-10";
Matrix: OL w/debris;
View: South



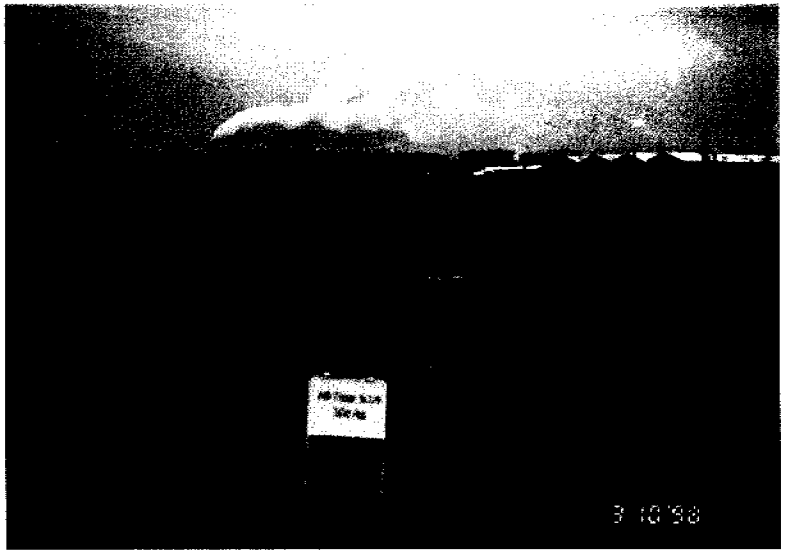
ID's: NA-TRND-SO05-01;
Date: 3/10/98;
Location: Due north of incinerator complex, above Tade River, on upper terrace;
Depth: 0-3";
Matrix: OL;
View: South

ID's: NA-TRND-SO06-01 (sign label incorrect); Date: 3/15/98; Location: On Golf Course, east of #4 green and incinerator complex; Depth: 0-3"; Matrix: OL; View: North-northwest

ID's: NA-TRND-SO07-01; Date: 3/10/98; Location: On Golf Course, east of #5 fairway and northeast of incinerator complex; Depth: 0-3"; Matrix: OL; View: South-southwest

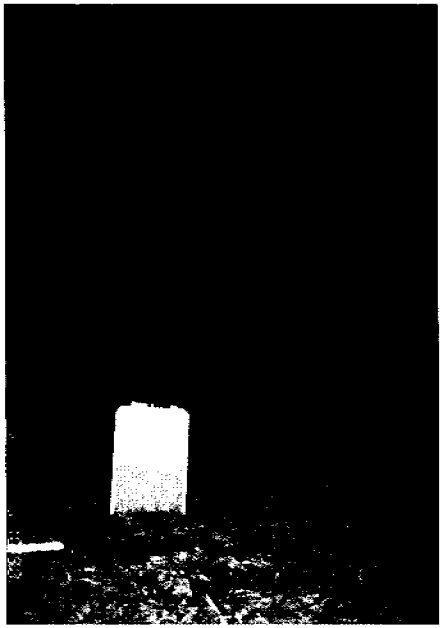


ID's: NA-TRND-SO08-01; Date: 3/10/98; Location: On Golf Course, east of #7 fairway and north-northeast of incinerator complex; Depth: 0-3"; Matrix: OL; View: South-southwest



ID's: NA-TRND-SO09-01; Date: 3/10/98; Location: On Golf Course, west of #7 fairway and north of incinerator complex; Depth: 0-3"; Matrix: OL; View: South

ID's: NA-TRND-SO10-01 & 02; Date: 3/10/98; Location: 25' west of Bldg. # 959; Depths: 0-3" and 3-12"; Matrix: OL w/gravel; View: East



ID's: NA-TRND-SO11-01 & 51 (equipment blank);
Date: 3/10/98;
Location: Outside retaining wall to north-northeast of Bldg. # 3101;
Depth: 0-3";
Matrix: OL;
View: South-southwest

ID's: NA-TRND-SO12-01 & 11 (duplicate); Date: 3/15/98; Location: On Golf Course, near #6 teebox and north-northeast of incinerator; Depth: 0-3"; Matrix: OL; View: South-southeast (earlier picture)

ID's: NA-TRND-SO13-01; Date: 3/15/98; Location: Southern area of driving range, west of Constellation Road; Depth: 0-3"; Matrix: OL; View: North (earlier picture)

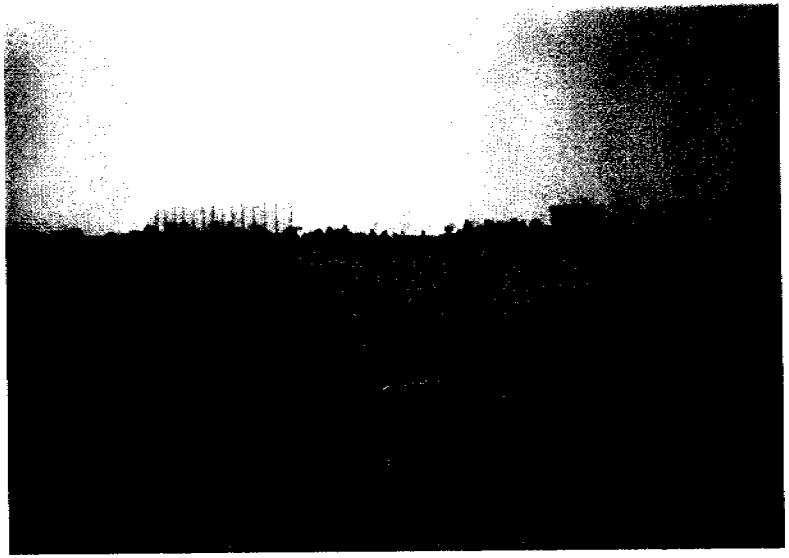
ID's: NA-TRND-SO14-01; Date: 3/15/98; Location: Adjacent to NE corner of Bldg. # 3064; Depth: 0-3"; Matrix: OL; View: South

ID's: NA-TRND-SO15-01, 02 & 12 (duplicate); Date: 3/15/98; Location: In park area west of Housing Towers # 3101 and # 3202; Depths: 0-3" and 3-12"; Matrix: OL; View: Southwest

ID's: NA-TRND-SO16-01 & 51 (equipment blank); Date: 3/15/98; Location: In park area west of Housing Towers #3101 and #3202; Depth: 0-3"; Matrix: OL; View: Southeast

ID's: NA-TRND-SO17-01;
Date: 3/17/98;
Location: East of runway and incinerator complex;
Depth: 0-3";
Matrix: OL;
View: West

ID's: NA-TRND-SO18-01; Date: 3/17/98; Location: West of runway, east-northeast of incinerator complex; Depth: 0-3"; Matrix: OL; View: Southwest

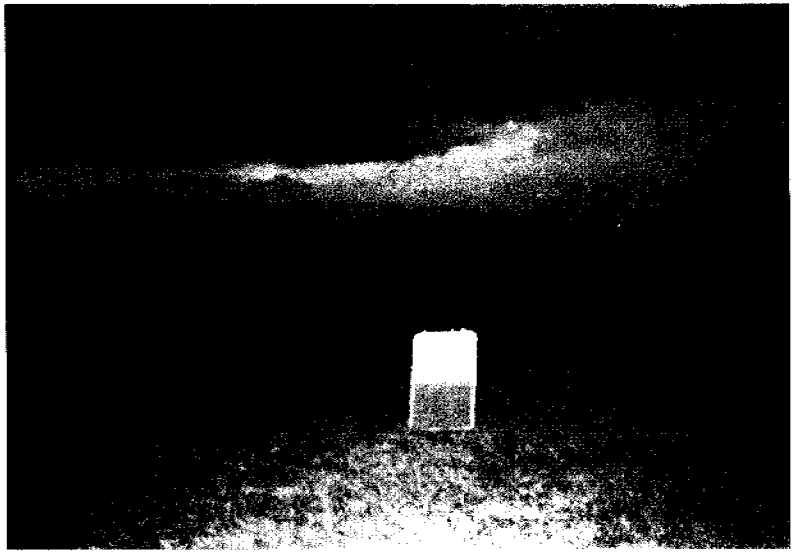


ID's: NA-TRND-SO19-01; Date: 3/17/98; Location: West of runway, south of taxiway B; Depth: 0-3"; Matrix: OL; View: South-southwest

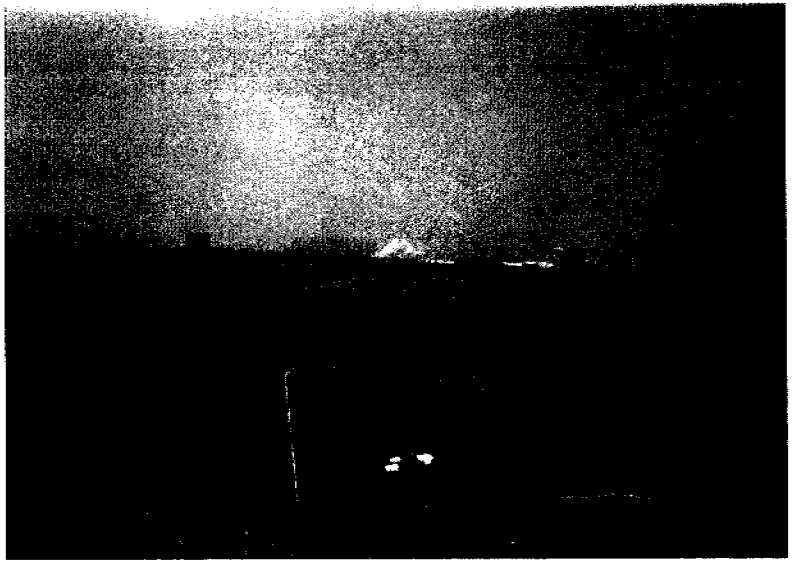
ID's: NA-TRND-SO20-01; Date: 3/16/98; Location: Approx. 75' west of NW corner of Bldg. #969; Depth: 0-3"; Matrix: OL; View: West

ID's: NA-TRND-SO21-01 & 02; Date: 3/16/98; Location: East of Bldg. # 150A; Depths: 0-3" and 3-12"; Matrix: OL w/gravel; View: West

ID's: NA-TRND-SO22-01 & 11 (duplicate); Date: 3/16/98; Location: Between Bldgs. # 81 and 987; Depth: 0-3"; Matrix: OL; View: North



ID's: NA-TRND-SO23-01 & 02; Date: 3/16/98; Location: Southern end of Base, about 100 meters east of southern end of runway overrun; Depths: 0-3" and 3-12"; Matrix: OL; View: Northwest

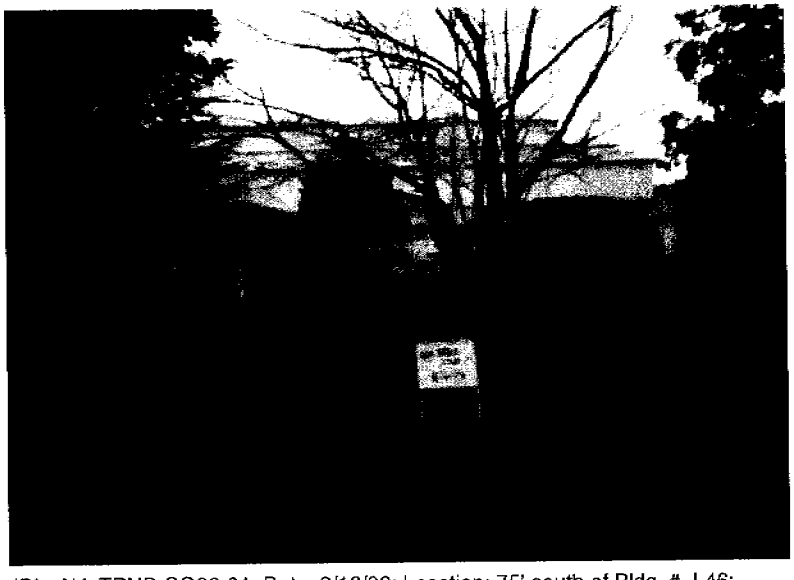


ID's: NA-TRND-SO24-31; Date: 3/17/98; Location: Approximately 75 meters east of runway in northeast direction from incinerator complex; Depth: 0-3"; Matrix: OL w/gravel; View: Southwest

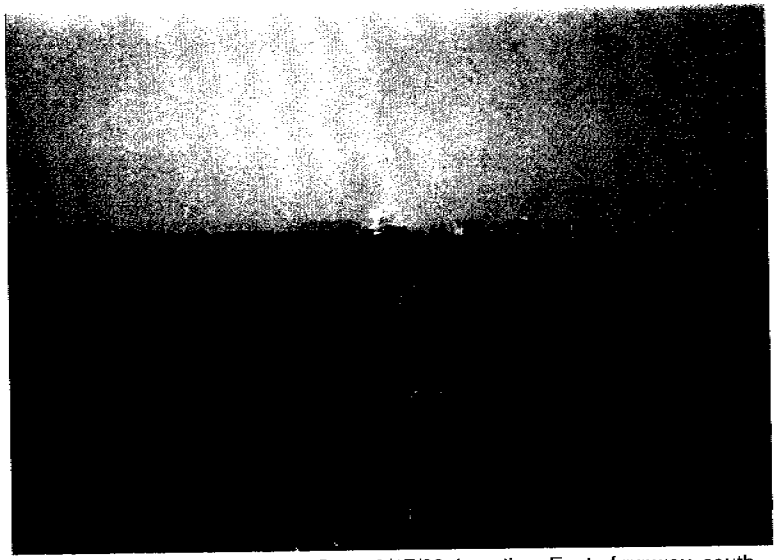
ID's: NA-TRND-SO25-01 & 02; Date: 3/17/98; Location: West of runway, north-northeast direction from incinerator complex; Depths: 0-3" and 3-12"; Matrix: OL; View: South-southwest

ID's: NA-TRND-SO26-01 & 11 (duplicate); Date: 3/16/98; Location: 50' west-southwest of SW corner of Bldg. # 174; Depth: 0-3"; Matrix: OL; View: Northeast

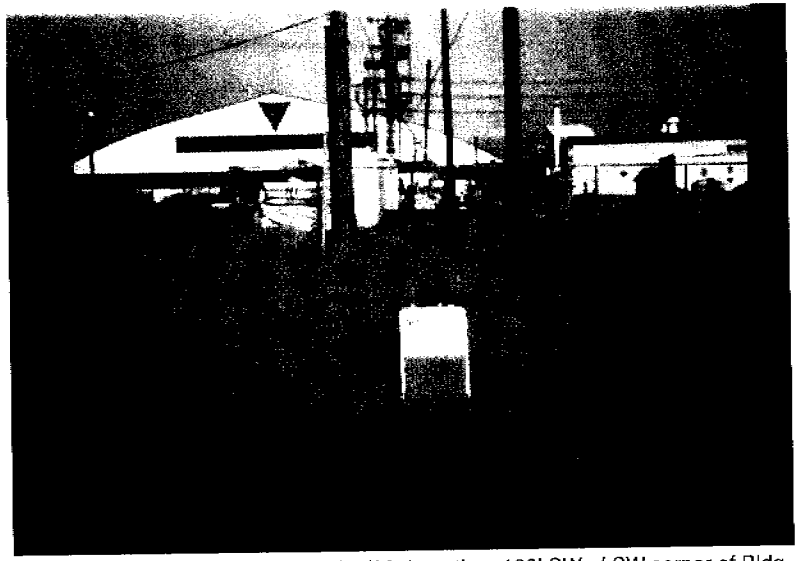
ID's: NA-TRND-SO27-01, 51 (equipment blank), & 02; Date: 3/16/98; Location: 150' due east from Bldg. # 153, near wooded area; Depths: 0-3" and 3-12"; Matrix: OL w/gravel; View: East



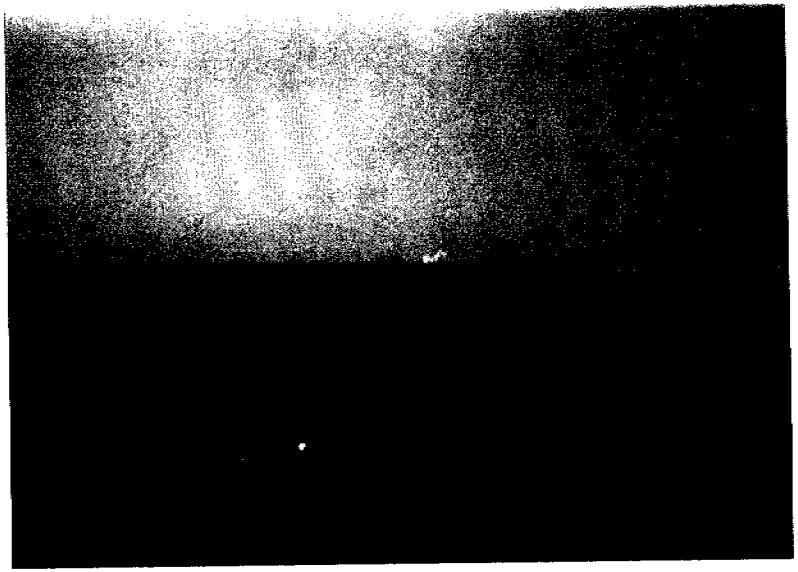
ID's: NA-TRND-SO28-01; Date: 3/16/98; Location: 75' south of Bldg. # J-46; Depth: 0-3"; Matrix: OL; View: South



ID's: NA-TRND-SO29-01 & 02; Date: 3/17/98; Location: East of runway, south of taxiway C; Depths: 0-3" and 3-12"; Matrix: OL; View: South-southwest

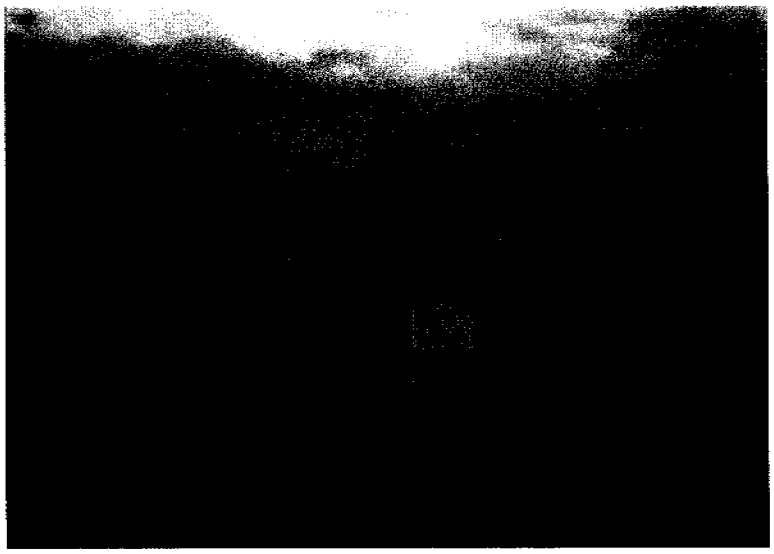


ID's: NA-TRND-SO30-01; Date: 3/17/98; Location: 100' SW of SW corner of Bldg. # 201; Depth: 0-3"; Matrix: OL; View: East



ID's: NA-TRND-SO31-01 & 51 (equipment blank); Date: 3/17/98; Location: Northern portion of Base, west of runway and south and east of taxiway D1; Depth: 0-3"; Matrix: OL; View: South-southwest

ID's: NA-TRND-SO32-01; Date: 3/16/98; Location: NW corner of Base, west-northwest of Golf Course #12 green; Depth: 0-3"; Matrix: OL; View: Northwest



ID's: NA-TRND-SO33-01; Date: 3/16/98; Location: Extreme northern tip of Base, north and west of Kamone Dohri Street; Depth: 0-3"; Matrix: OL; View: South

APPENDIX C

Soil Sample Summary Table

Appendix C
Child Development Center Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-DVCT-SO01-31	0 -3	Sand/Silt (SW/OL)	4375354.29	1257919.11
NA-DVCT-SO01-02	3 -12	Silt (OL)	4375354.29	1257919.11
NA-DVCT-SO02-01	0 -3	Sand/Silt (SW/OL)	4351513.43	1265374.51
NA-DVCT-SO03-01	0 -3	Sand/Silt (SW/OL)	4332887.77	1259907.22
NA-DVCT-SO03-02	3 -12	Silt (OL)	4332887.77	1259907.22
NA-DVCT-SO04-01	0 -3	Sand (SW)	4293898.04	1260901.26
NA-DVCT-SO05-01	0 -3	Sand/Silt (SW/OL)	4382307.89	1286498.13
NA-DVCT-SO05-02	3 -12	Silt (OL)	4382307.89	1286498.13
NA-DVCT-SO06-01	0 -3	Sand/Silt (SW/OL)	4371629.17	1286746.64
NA-DVCT-SO07-01	0 -3	Sand (SW)	4347788.31	1288734.75
NA-DVCT-SO07-02	3 -12	Silt (OL)	4347788.31	1288734.75
NA-DVCT-SO08-01	0 -3	Silt (OL)	4337606.28	1291965.42

Appendix C
Elementary School Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-ELEM-SO01-01	0 -3	Sand (SW)	4314752.54	1093815.27
NA-ELEM-SO01-02	3 -12	Sand (SW)	4314752.54	1093815.27
NA-ELEM-SO02-01	0 -3	Sand (SW)	4296829.33	105984.9
NA-ELEM-SO03-01	0 -3	Sand/Silt (SW/OL)	4298708.38	1082388.59
NA-ELEM-SO03-02	3 -12	Silt (OL)	4298708.38	1082388.59
NA-ELEM-SO04-01	0 -3	Silt (OL)	4296566.86	1077326.13
NA-ELEM-SO05-01	0 -3	Sand (SW)	4284254.17	1089620.65
NA-ELEM-SO05-02	3 -12	Sand (SW)	4284254.17	1089620.65
NA-ELEM-SO06-01	0 -3	Sand (SW)	4314608	1074722
NA-ELEM-SO07-01	0 -3	Silt (OL)	4341742.99	1156249.36
NA-ELEM-SO07-02	3 -12	Silt (OL)	4341742.99	1156249.36
NA-ELEM-SO08-01	0 -3	Silt (OL)	4225678.66	1146625.99

Appendix C
Residential Towers Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-TOWR-SO01-01	0 -3	Silt (OL)	4302355.56	1328575.07
NA-TOWR-SO02-01	0 -3	Silt (OL)	4275560.74	1355745.84
NA-TOWR-SO02-32	3 -12	Silt (OL)	4275560.74	1355745.84
NA-TOWR-SO03-01	0 -3	Silt (OL)	4265557.36	1402937.21
NA-TOWR-SO04-01	0 -3	Silt (OL)	4294138.5	1363968.58
NA-TOWR-SO04-02	3 -12	Silt (OL)	4294138.5	1363968.58
NA-TOWR-SO05-01	0 -3	Silt (OL)	427484.23	1392211.89
NA-TOWR-SO06-01	0 -3	Silt (OL)	4231260	14351113.1
NA-TOWR-SO06-02	3 -12	Silt (OL)	4231260	14351113.1
NA-TOWR-SO07-01	0 -3	Sand (SW)	4236976.2	1424745.33
NA-TOWR-SO08-01	0 -3	Silt (OL)	4229473.66	1406154.79
NA-TOWR-SO09-01	0 -3	Silt (OL)	4168036.94	1430018.35
NA-TOWR-SO10-01	0 -3	Silt (OL)	4083255.97	149310.39
NA-TOWR-SO10-02	3 -12	Silt (OL)	4083255.97	149310.39
NA-TOWR-SO11-01	0 -3	Sand (SW)	4082944.55	1446533.65
NA-TOWR-SO12-01	0 -3	Silt (OL)	4072356.51	1422538.35

Appendix C
Reference Area 1 Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-REF1-SO01-31	0 -3	Silt (OL)	4493349.36	596069.08
NA-REF1-SO02-01	0 -3	Silt (OL)	4478900	590957.18
NA-REF1-SO02-02	3 -12	Silt (OL)	4478900	590957.18
NA-REF1-SO03-01	0 -3	Silt (OL)	4465472.3	598259.89
NA-REF1-SO04-01	0 -3	Silt (OL)	4452044.59	585115.05
NA-REF1-SO04-02	3 -12	Silt (OL)	4452044.59	585115.05
NA-REF1-SO05-01	0 -3	Silt (OL)	4436427.62	571678.11
NA-REF1-SO06-01	0 -3	Silt (OL)	4434676.17	591687.47
NA-REF1-SO06-02	3 -12	Silt (OL)	4434676.17	591687.47

Appendix C
Reference Area 2 Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-REF2-SO01-01	0 -3	Silt (OL)	3895208.34	897368.71
NA-REF2-SO01-02	3 -12	Silt (OL)	3895208.34	897368.71
NA-REF2-SO02-01	0 -3	Silt (OL)	3912851.23	896993.08
NA-REF2-SO03-01	0 -3	Silt (OL)	3905531.31	888165.54
NA-REF2-SO03-02	3 -12	Silt (OL)	3905531.31	888165.54
NA-REF2-SO04-01	0 -3	Silt (OL)	3900463.66	904505.85
NA-REF2-SO05-01	0 -3	Silt (OL)	3889953.01	913333.39
NA-REF2-SO05-02	3 -12	Silt (OL)	3889953.01	913333.39
NA-REF2-SO06-01	0 -3	Silt (OL)	3884885.36	906759.7

Appendix C
Trend Analysis Sample Locations

Sample ID	Depth	Soil Type	North	East
NA-TRND-SO01-01	0 -3	Silt (OL)	3400240.9	2087728.42
NA-TRND-SO01-02	3 -12	Silt (OL)	3400240.9	2087728.42
NA-TRND-SO02-01	0 -3	Silt (OL)	4022861.15	1776648.18
NA-TRND-SO02-02	3 -12	Silt (OL)	4022861.15	1776648.18
NA-TRND-SO03-01	0 -3	Silt (OL)	4292967.72	1686010.97
NA-TRND-SO03-02	3 -12	Silt (OL)	4292967.72	1686010.97
NA-TRND-SO04-31	0 -3	Silt (OL)	4132317.01	1698288.04
NA-TRND-SO04-02	3 -12	Silt (OL)	4132317.01	1698288.04
NA-TRND-SO05-01	0 -3	Silt (OL)	4136400.52	1649252.23
NA-TRND-SO06-01	0 -3	Silt (OL)	3948273.9	1945815.82
NA-TRND-SO07-01	0 -3	Silt (OL)	4193640.25	1928041.31
NA-TRND-SO08-01	0 -3	Silt (OL)	4243941.42	1772712.55
NA-TRND-SO09-01	0 -3	Silt (OL)	4226382.35	1724085.37
NA-TRND-SO10-01	0 -3	Silt (OL)	4266424.9	1600606.93
NA-TRND-SO10-02	3 -12	Silt (OL)	4266424.9	1600606.93
NA-TRND-SO11-01	0 -3	Silt (OL)	4251890.91	1470180.94
NA-TRND-SO12-01	0 -3	Silt (OL)	4381661.4	1839273.18
NA-TRND-SO13-01	0 -3	Silt (OL)	4412075.68	1683939.8
NA-TRND-SO14-01	0 -3	Silt (OL)	4457351.49	1404122.47
NA-TRND-SO15-01	0 -3	Silt (OL)	4118399.96	1191941.35
NA-TRND-SO15-02	3 -12	Silt (OL)	4118399.96	1191941.35
NA-TRND-SO16-01	0 -3	Silt (OL)	4098714.89	1262782.84
NA-TRND-SO17-01	0 -3	Silt (OL)	3838775.68	2441419.87
NA-TRND-SO18-01	0 -3	Silt (OL)	4382789.213	2277420.788
NA-TRND-SO19-01	0 -3	Silt (OL)	4602864.85	2107175.14
NA-TRND-SO20-01	0 -3	Silt (OL)	4754049.76	1608880.3
NA-TRND-SO21-01	0 -3	Silt (OL)	4672555.53	1226414.2
NA-TRND-SO21-02	3 -12	Silt (OL)	4672555.53	1226414.2
NA-TRND-SO22-01	0 -3	Silt (OL)	4664959.23	958677.98
NA-TRND-SO23-01	0 -3	Silt (OL)	3386037.64	2508230.3
NA-TRND-SO23-02	3 -12	Silt (OL)	3386037.64	2508230.3
NA-TRND-SO24-31	0 -3	Silt (OL)	4921640.58	2435694.12
NA-TRND-SO25-01	0 -3	Silt (OL)	5027428.18	2134162.34
NA-TRND-SO25-02	3 -12	Silt (OL)	5027428.18	2134162.34
NA-TRND-SO26-01	0 -3	Silt (OL)	5151551.82	1626983.07
NA-TRND-SO27-01	0 -3	Silt (OL)	5005222.01	1263185.04
NA-TRND-SO27-02	3 -12	Silt (OL)	5005222.01	1263185.04
NA-TRND-SO28-01	0 -3	Silt (OL)	5158597.47	1053533.74
NA-TRND-SO29-01	0 -3	Silt (OL)	5282404.14	2457601.73
NA-TRND-SO29-02	3 -12	Silt (OL)	5282404.14	2457601.73
NA-TRND-SO30-01	0 -3	Silt (OL)	5544573.61	1635761.43
NA-TRND-SO31-01	0 -3	Silt (OL)	5966435.41	2200264.44
NA-TRND-SO32-01	0 -3	Silt (OL)	6203973.98	1488223.19
NA-TRND-SO33-01	0 -3	Silt (OL)	6525751.08	2133926.87

APPENDIX D

Data Validation Report

EcoChem, Inc.

Environmental Science and Chemistry

DATA VALIDATION REPORT

JINKANPO INCINERATION COMPLEX
Atsugi Naval Air Facility, Japan
Radian Project No. 801230.4245.14
Subcontract No. 751711.US

March 1998 Sampling

Prepared for:

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EcoChem Project Number: 15704-1

June 5, 1998

Approved for Release:

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1.0 INTRODUCTION

Basis for Data Validation

This report summarizes the results of data validation performed on the data for soil samples, field rinsate blanks, and the associated laboratory quality control sample analyses. The samples were analyzed by GP Laboratories, LLLP, with the dioxin/furan analyses subcontracted to Triangle Laboratories, Inc. The samples were analyzed for the following parameters, and were reviewed by the chemists listed below:

Test	Method	Primary	Secondary
SVOC	OLM03.2	Kelley Wilt	Eric Strout
PPCB	OLM03.2	Sherri Wunderlich	Alison Bodkin
Metals	ILM04.0	Bob Olsiewski	Ann Bailey
Dioxin/Furans	SW8290	Sherri Wunderlich	Eric Strout

See **TABLE 1 SAMPLE INDEX** for a list of the samples and the associated laboratory SDG numbers.

Data assessment was based on the QC criteria recommended in the methods listed above; the *Soil Sampling Plan to Demonstrate Health Impacts from the Jinkanpo Incineration Complex, NAF Atsugi, Japan* (2/98); and *Region III Modifications to USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (9/94) and *Region III Modifications to USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (4/93).

EcoChem's goal in assigning data assessment qualifiers is to assist in proper data interpretation. If values are assigned a J or UJ, data may be used for site evaluation and risk assessment purposes, but reasons for data qualification should be taken into consideration when interpreting sample concentrations. If values are assigned an R, the data are to be rejected and should not be used for any site evaluation purposes. If values have no data qualifier assigned, then the data meet the data quality objectives as stated in the above-referenced documents and methods.

Data qualifier definitions are included as **APPENDIX A.** The qualified Forms 1 are included as **APPENDIX B.** For ease of use, a numerical code has been added to each data qualifier in the table to indicate the reason for the qualifier. A list of all of the reason codes is also included in **APPENDIX A.** The data validation worksheets are included as **APPENDIX C.** Communication records and resubmissions are in **APPENDIX D.**

2.0 SUMMARY OF QC ISSUES BY FRACTION

ORGANIC ANALYSES

Semivolatile Organic Compounds (SVOC)

Overall, the precision and accuracy were acceptable for all SVOC analyses. No data were rejected for any reason. The percent completeness for the SVOC data is 100%.

The rinsate blanks were extracted 1 - 2 days past the 7 day holding time criterion. All soil samples in SDG 9803156 were extracted 5 to 8 days past the recommended 14 day holding time criterion. Four samples in SDG 9803074 were re-extracted (due to surrogate recovery outliers) 8 days past the 14 day holding time criterion. All results these samples and in the rinsate blanks were estimated (J/UJ-1).

The method blank for the water extraction (SBLKA) contained bis(2-ethylhexyl)phthalate and di-n-butylphthalate. These compounds were present in two of the rinsate blanks, and were qualified B-7. No other target analytes were qualified based on method or rinsate blank contamination.

The percent difference (%D) values for one or more compounds were outside of the control limit for most of the continuing calibrations. Associated positive results were qualified as estimated (J-5B). With the exception of hexachlorocyclopentadiene and 2,4-dinitrophenol, the detection limits were not significantly affected, and no action was taken. The %D values for hexachlorocyclopentadiene and 2,4-dinitrophenol were greater than 50% in several continuing calibrations, indicating a significant low bias. The associated detection limits were estimated (UJ-5B).

The surrogate recovery values for four samples in SDG 9803074 were less than the lower control limits. The samples were re-extracted and reanalyzed, with acceptable recovery values. The original analysis results were qualified as do-not-report (DNR-13). The results of the reanalyses should be used.

For Sample NA-TRND-S001-01, seven compounds were detected at concentrations greater than the calibration range of the instrument. The compounds were correctly 'E' flagged by the laboratory. The sample was reanalyzed at a dilution, and the compounds were detected within the instrument calibration range.

The compounds that exceeded the linear range in the original analysis were qualified as do-not-report (DNR), and should be reported from the dilution. In the dilution analysis, all compounds (except those that exceeded the linear range in the original analysis) were qualified as DNR and should be reported from the original analysis. The DNR qualifier does not imply that the data are not useable. The purpose is to designate which result (of multiple results) should not be used.

The tentatively identified compound (TIC) data were qualified as specified in the Region III Modifications to National Functional Guidelines. Although other QC outliers were present, no other SVOC data were qualified for any reason. See the validation report for additional details.

Pesticide/PCB Compounds (PPCB)

Overall, the precision and accuracy were acceptable for all PPCB analyses. No data were rejected for any reason. The percent completeness for the PPCB data is 100%.

Four of the rinsate blanks were extracted 1 - 3 days past the 7 day holding time criterion. All results in the rinsate blanks were estimated (J/UJ-1).

The %D values for one or more compounds were outside of the control limit for several of the continuing calibrations. Associated positive results were qualified as estimated (J-5B). With the exception of methoxychlor (and 4,4'-DDT in Sample NA-TRND-S015-01), the detection limits were not significantly affected, and no action was taken. The %D values for methoxychlor were greater than 50% in several continuing calibrations (and 4,4'-DDT in one continuing calibration), indicating a significant low bias. The associated detection limits were estimated (UJ-5B).

The relative percent difference (RPD) value for heptachlor was greater than the upper control limit of 31% (at 39%) in the matrix spike/matrix spike duplicate (MS/MSD) analyses performed using Sample NA-ELEM-S003-01. The positive result for heptachlor in the parent sample was qualified as estimated (J-9).

Sample results that had an RPD value greater than 25% between the two columns were P-flagged by the laboratory. These results were qualified as estimated (J-9).

For several samples, target compounds were present at concentrations that were greater than the linear range of the instrument in the original analysis. These analytes were E-flagged by the laboratory on the sample result summary forms. The samples were diluted and reanalyzed, and the analytes were detected within the linear range. The results in the original analyses that exceeded the linear range should not be used and were qualified as do-not-report (DNR-20). The result should be reported from the diluted analysis. Results for all compounds except those that exceeded the linear range should be reported from the original analysis. All results, except those that originally exceeded the linear range, should not be used in the reanalysis and were qualified as do-not-report (DNR-14). As a usable result exists for each compound in a sample, the percent completeness is still 100%.

Although other QC outliers were present, no other PPCB data were qualified for any reason. See the validation report for additional details.

Dioxin/Furan Compounds

Overall, the precision and accuracy were acceptable for all dioxin/furan analyses. No data were rejected for any reason. The percent completeness for the dioxin/furan data is 100%.

The %D value for the target compound 123478-HxCDD was outside the control limit in one continuing calibration submitted with SDG 45215A. Associated sample results were qualified as estimated (J/UJ-5B).

Positive results for target analytes were reported for several blanks. To evaluate the effect of laboratory contamination on the associated sample results, action levels of five times the blank concentrations were established. Positive results for specific congeners with concentrations less than the action level were qualified as B-6 (for equipment blank contamination)or B-7 (for method or clean-up blank contamination) at the reported levels in the associated samples.

Several labeled compound percent recovery (%R) values were not within the control limits listed in the QAPP (25% to 125%). All outliers were greater than the upper control limit of 125%. Positive results in the field samples for target compounds associated with labeled compound %R value outliers were qualified as J-13 for surrogate outliers and J-19 for internal standard outliers. For labeled compound outliers, only the associated target compound (same congener, or quantitated using the labeled compound) was qualified.

The %R and RPD values for OCDD were outside the control limits in the MS/MSD set performed using Sample NA-REF1-S001-31. The OCDD value was qualified as estimated due to accuracy and precision outliers (J-8,9).

The laboratory flagged several compounds in several samples as "PR", indicating poor resolution of the peak. The laboratory also flagged compounds as "Q", indicating quantitative interference. The laboratory flags are printed on the sample results summary forms. As the reported concentrations of target compounds in these two cases most likely have a high bias, positive results for specific congeners were qualified as estimated (J-14). Several internal standard (labeled compound) results were flagged "Q" by the laboratory. In these cases, associated positive results and detection limits for target compounds would most likely have a low bias. The associated target compound results were qualified as estimated (J/UJ-14).

Positive results for several samples were flagged "E" by the laboratory to indicate that the calibration range of the instrument was exceeded. Target compounds flagged "E" by the laboratory were qualified as estimated (J-20).

When positive results for 2378-TCDF at concentrations greater than 1.0 pg/g were present in the DB5 analyses of samples, the extracts were reanalyzed using a DB225 column. The 2378-TCDF results were confirmed on the DB225 column, except as noted. Where 2378 TCDF was analyzed on the DB225 column, the results from the DB5 column should not be used, since 2378-TCDF has better resolution on the DB225 column. The DB5 column results were qualified as DNR-14

Although other QC outliers were present, no other dioxin/furan data were qualified for any reason. See the validation report for additional details.

INORGANIC ANALYSES

Metals

Overall, the precision and accuracy were acceptable for all metals analyses. No data were rejected for any reason. The percent completeness for the metals data is 100%.

For SDG 9803124, the %R values for sodium in the contract required detection limit standard (CRIF) were not within the control limits of 80% to 120%. All sodium results were less than the action level and were qualified as estimated with a low bias (L-5A).

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for antimony and thallium in several of the associated soil samples. These results were qualified as estimated with a low bias (L/UL-7).

Several analytes were detected in the water preparation and continuing calibration blanks greater than the IDL. If the analyte concentrations in the associated samples were less than the action level (five times the blank concentration), the samples results were qualified B-7.

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. Positive antimony and cadmium results less than the associated action levels were qualified as estimated (K-14); no action was taken for non-detect antimony or cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

The recovery values for several analytes (usually antimony) were less than the 75% lower control limit in the soil MS/MSD analyses. All associated soil results for these analytes were qualified as estimated (L/UL-8).

The soil barium laboratory control sample (LCS) %R was greater than the upper control limit in several of the LCS analyses. All associated positive soil barium results were qualified as estimated (K-10).

The %D values for chromium, nickel, and sodium were greater than the 10% upper control limit in the serial dilution performed with SDG 9803124. All associated results for these analytes were qualified as estimated (J/UJ-16).

Although other QC outliers were present, no other metals data were qualified for any reason. See the validation report for additional details.

TABLE 1

SAMPLE INDEX
Atsugi Naval Air Base
Spring, 1998 Sampling Event

Field ID	SDG	ID	Lab ID	SVOC	PPCB	Metals
NA-REF1-SO01-31	9803074	01A	9803074-01A	X	X	X
NA-REF1-SO02-01	9803074	02A	9803074-02A	X	X	X
NA-REF1-SO02-02	9803074	03A	9803074-03A	X	X	X
NA-REF1-SO02-12	9803074	04A	9803074-04A	X	X	X
NA-REF1-SO03-01	9803074	05A	9803074-05A	X	X	X
NA-REF1-SO04-01	9803074	06A	9803074-06A	X	X	X
NA-REF1-SO04-02	9803074	07A	9803074-07A	X	X	X
NA-REF1-SO05-01	9803074	08A	9803074-08A	X	X	X
NA-REF1-SO06-01	9803074	09A	9803074-09A	X	X	X
NA-REF1-SO06-02	9803074	10A	9803074-10A	X	X	X
NA-DVCT-SO08-01	9803074	11A	9803074-11A	X	X	X
NA-DVCT-SO04-51	9803074	12D	9803074-12D	X	X	X
NA-TOWR-SO06-01	9803074	13A	9803074-13A	X	X	X
NA-TOWR-SO06-02	9803074	14A	9803074-14A	X	X	X
NA-TOWR-SO07-01	9803074	15A	9803074-15A	X	X	X
NA-TOWR-SO08-01	9803074	16A	9803074-16A	X	X	X
NA-TOWR-SO09-01	9803074	17A	9803074-17A	X	X	X
NA-TOWR-SO10-01	9803074	18A	9803074-18A	X	X	X
NA-TOWR-SO10-02	9803074	19A	9803074-19A	X	X	X
NA-TOWR-SO11-01	9803074	20A	9803074-20A	X	X	X
NA-TOWR-SO12-01	9803074	21A	9803074-21A	X	X	X
NA-ELEM-SO05-01	9803075	01A	9803075-01A	X	X	X
NA-ELEM-SO05-02	9803075	02A	9803075-02A	X	X	X
NA-ELEM-SO06-01	9803075	03A	9803075-03A	X	X	X
NA-ELEM-SO07-01	9803075	04A	9803075-04A	X	X	X
NA-ELEM-SO07-02	9803075	05A	9803075-05A	X	X	X
NA-ELEM-SO08-01	9803075	06A	9803075-06A	X	X	X
NA-ELEM-SO04-51(1005)	9803075	07D	9803075-07D	X	X	X
NA-ELEM-SO01-01	9803075	08A	9803075-08A	X	X	X
NA-ELEM-SO01-02	9803075	09A	9803075-09A	X	X	X
NA-ELEM-SO02-01	9803075	10A	9803075-10A	X	X	X
NA-ELEM-SO02-11	9803075	11A	9803075-11A	X	X	X
NA-ELEM-SO03-01	9803075	12A	9803075-12A	X	X	X
NA-ELEM-SO03-02	9803075	13A	9803075-13A	X	X	X
NA-ELEM-SO04-01	9803075	14A	9803075-14A	X	X	X
NA-ELEM-SO04-51(1300)	9803075	15B	9803075-15B	X	X	X
NA-REF2-SO03-02	9803075	16A	9803075-16A	X	X	X
NA-REF2-SO04-01	9803075	17A	9803075-17A	X	X	X
NA-REF2-SO05-01	9803075	18A	9803075-18A	X	X	X
NA-REF2-SO05-02	9803075	19A	9803075-19A	X	X	X
NA-REF2-SO06-01	9803075	20A	9803075-20A	X	X	X
NA-REF2-SO06-11	9803075	21A	9803075-21A	X	X	X
NA-TOWR-SO01-01	9803076	01A	9803076-01A	X	X	X
NA-TOWR-SO02-32	9803076	02A	9803076-02A	X	X	X

TABLE 1

SAMPLE INDEX
Atsugi Naval Air Base
Spring, 1998 Sampling Event

Field ID	SDG	ID	Lab ID	SVOC	PPCB	Metals
NA-TOWR-SO02-01	9803076	03A	9803076-03A	X	X	X
NA-TOWR-SO03-01	9803076	04A	9803076-04A	X	X	X
NA-TOWR-SO03-11	9803076	05A	9803076-05A	X	X	X
NA-TOWR-SO04-02	9803076	06A	9803076-06A	X	X	X
NA-TOWR-SO04-01	9803076	07A	9803076-07A	X	X	X
NA-TOWR-SO05-01	9803076	08A	9803076-08A	X	X	X
NA-TOWR-SO04-12	9803076	09A	9803076-09A	X	X	X
NA-DVCT-SO01-31	9803076	10A	9803076-10A	X	X	X
NA-DVCT-SO01-02	9803076	11A	9803076-11A	X	X	X
NA-DVCT-SO02-01	9803076	12A	9803076-12A	X	X	X
NA-DVCT-SO02-11	9803076	13A	9803076-13A	X	X	X
NA-DVCT-SO03-01	9803076	14A	9803076-14A	X	X	X
NA-DVCT-SO03-02	9803076	15A	9803076-15A	X	X	X
NA-DVCT-SO04-01	9803076	16A	9803076-16A	X	X	X
NA-DVCT-SO07-02	9803076	17A	9803076-17A	X	X	X
NA-DVCT-SO05-01	9803076	18A	9803076-18A	X	X	X
NA-DVCT-SO05-02	9803076	19A	9803076-19A	X	X	X
NA-DVCT-SO06-01	9803076	20A	9803076-20A	X	X	X
NA-DVCT-SO07-01	9803077	01A	9803077-01A	X	X	X
NA-REF2-SO01-01	9803077	02A	9803077-02A	X	X	X
NA-REF2-SO01-02	9803077	03A	9803077-03A	X	X	X
NA-REF2-SO02-01	9803077	04A	9803077-04A	X	X	X
NA-REF2-SO03-01	9803077	05A	9803077-05A	X	X	X
NA-REF2-SO02-51	9803077	06D	9803077-06D	X	X	X
NA-TRND-SO11-51	9803077	07A	9803077-07A	X	X	X
NA-TRND-SO04-31	9803077	08A	9803077-08A	X	X	X
NA-TRND-SO04-11	9803077	09A	9803077-09A	X	X	X
NA-TRND-SO04-02	9803077	10A	9803077-10A	X	X	X
NA-TRND-SO05-01	9803077	11A	9803077-11A	X	X	X
NA-TRND-SO07-01	9803077	12A	9803077-12A	X	X	X
NA-TRND-SO08-01	9803077	13A	9803077-13A	X	X	X
NA-TRND-SO09-01	9803077	14A	9803077-14A	X	X	X
NA-TRND-SO10-01	9803077	15A	9803077-15A	X	X	X
NA-TRND-SO10-02	9803077	16A	9803077-16A	X	X	X
NA-TRND-SO11-01	9803077	17A	9803077-17A	X	X	X
NA-TRND-SO23-02	9803124	01A	9803124-01A	X	X	X
NA-TRND-SO24-31	9803124	02A	9803124-02A	X	X	X
NA-TRND-SO25-01	9803124	03A	9803124-03A	X	X	X
NA-TRND-SO25-02	9803124	04A	9803124-04A	X	X	X
NA-TRND-SO26-01	9803124	05A	9803124-05A	X	X	X
NA-TRND-SO26-11	9803124	06A	9803124-06A	X	X	X
NA-TRND-SO27-01	9803124	07A	9803124-07A	X	X	X
NA-TRND-SO27-02	9803124	08A	9803124-08A	X	X	X
NA-TRND-SO28-01	9803124	09A	9803124-09A	X	X	X

TABLE 1

SAMPLE INDEX
Atsugi Naval Air Base
Spring, 1998 Sampling Event

Field ID	SDG	ID	Lab ID	SVOC	PPCB	Metals
NA-TRND-SO29-01	9803124	10A	9803124-10A	X	X	X
NA-TRND-SO29-02	9803124	11A	9803124-11A	X	X	X
NA-TRND-SO30-01	9803124	12A	9803124-12A	X	X	X
NA-TRND-SO15-02	9803124	13A	9803124-13A	X	X	X
NA-TRND-SO15-22	9803124	14A	9803124-14A	X	X	X
NA-TRND-SO16-01	9803124	15A	9803124-15A	X	X	X
NA-TRND-SO17-01	9803124	16A	9803124-16A	X	X	X
NA-TRND-SO18-01	9803124	17A	9803124-17A	X	X	X
NA-TRND-SO19-01	9803124	18A	9803124-18A	X	X	X
NA-TRND-SO20-01	9803124	19A	9803124-19A	X	X	X
NA-TRND-SO21-01	9803124	20A	9803124-20A	X	X	X
NA-TRND-SO21-02	9803127	01A	9803127-01A	X	X	X
NA-TRND-SO22-01	9803127	02A	9803127-02A	X	X	X
NA-TRND-SO22-11	9803127	03A	9803127-03A	X	X	X
NA-TRND-SO23-01	9803127	04A	9803127-04A	X	X	X
NA-TRND-SO32-01	9803127	05A	9803127-05A	X	X	X
NA-TRND-SO33-01	9803127	06A	9803127-06A	X	X	X
NA-TRND-SO31-01	9803127	07A	9803127-07A	X	X	X
NA-TRND-SO27-51	9803127	08D	9803127-08D	X	X	X
NA-TRND-SO16-51	9803127	09D	9803127-09D	X	X	X
NA-TRND-SO31-51	9803127	10D	9803127-10D	X	X	X
NA-TRND-SO01-01	9803156	01A	9803156-01A	X	X	X
NA-TRND-SO01-02	9803156	02A	9803156-02A	X	X	X
NA-TRND-SO02-01	9803156	03A	9803156-03A	X	X	X
NA-TRND-SO02-02	9803156	04A	9803156-04A	X	X	X
NA-TRND-SO03-01	9803156	05A	9803156-05A	X	X	X
NA-TRND-SO03-02	9803156	06A	9803156-06A	X	X	X
NA-TRND-SO06-01	9803156	07A	9803156-07A	X	X	X
NA-TRND-SO12-01	9803156	08A	9803156-08A	X	X	X
NA-TRND-SO12-11	9803156	09A	9803156-09A	X	X	X
NA-TRND-SO13-01	9803156	10A	9803156-10A	X	X	X
NA-TRND-SO14-01	9803156	11A	9803156-11A	X	X	X
NA-TRND-SO15-01	9803156	12A	9803156-12A	X	X	X

DATA VALIDATION REPORT - FULL REVIEW
Atsugi Naval Air Facility
GC/MS Semivolatiles
Matrix: Soil
Method: CLP

Analytical data for 113 soil samples and eight equipment rinsate blanks were reviewed using quality control (QC) criteria documented in the analytical method and the Quality Assurance Project Plan (QAPP). The samples were collected between March 7 and 17, 1998, and were analyzed by GP Environmental Services, Inc. Refer to the **Sample Index** for a complete listing of the samples.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

* Chain of Custody and Technical Holding Times
  GC/MS Instrument Performance Check (Tuning)
* Blanks (Method & Rinsate)
* Initial Calibration
* Continuing Calibration
* Surrogate Compounds
* Matrix Spike/Matrix Spike Duplicates (MS/MSD)
* Laboratory Control Samples (LCS)
* Internal Standards
* Compound Quantitation and Reported Detection Limits
* Tentatively Identified Compounds (TIC)
* Field Duplicates

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified sample result summaries (Form Is) are included in **APPENDIX B**.

Chain of Custody and Technical Holding Times

SDG 9803074

Due to surrogate compound recovery outliers, four samples (NA-TOWR-SO06-02, NA-TOWR-SO08-01, NA-TOWR-SO10-01, and NA-TOWR-SO10-02) were re-extracted 8 days past the 14 day recommended holding time for soils. See the **Surrogate Compounds** section for more details. As the surrogate recovery values in the re-extracted samples were acceptable, the results from the re-extracts should be reported and original analysis data should not be used. The results from the initial analyses were qualified as do-not-report (DNR-13). Due to the holding time exceedance, the re-extracted sample results were estimated (J/UJ-1).

SDG 9803075

The rinsate blanks, NA-ELEM-SO04-51 (1005) and NA-ELEM-SO04-51 (1300), were extracted one day past the required 7 day holding time criterion. Due to the holding time exceedance, all results in these blanks are estimated (J/UJ-1).

SDG 9803077

The CLP forms for the samples identified by the laboratory as 9803077-17A and 9803077-01A were given the incorrect client ID, as verified using the chain-of-custody and the LIMS summary sheet. These two samples should have client IDs of NA-TRND-SO11-01 and NA-DVCT-SO07-01, respectively. The Form I for each sample has been corrected by the reviewer. The other summary CLP forms have not been corrected.

The rinsate blank (NA-REF-SO02-51) was extracted 2 days past the required 7 day holding time criterion. Due to the holding time exceedance, all results in this blank are estimated (J/UJ-1).

SDG 9803127

The rinsate blanks, NA-TRND-SO27-51 and NA-TRND-SO16-51, were extracted 1 and 2 days (respectively) past the required 7 day holding time criterion. Due to the holding time exceedance, all results are estimated (J/UJ-1).

SDG 9803156

All soil samples were extracted 19 days after collection (22 days for Sample NA-TRND-SO02-02), 5 to 8 days past the 14 day recommended holding time for soils. Due to the holding time exceedance, all results are estimated (J/UJ-1).

Blanks (Method & Rinsate)

SDGs 9803074, 9803075, and 9803077

The method blanks associated with the soil samples (SBLKB, SBLKC, SBLKD, & SBLKE) were free from target analyte contamination. The method blank for the water extraction (SBLKA) contained bis(2-ethylhexyl)phthalate and di-n-butylphthalate. Action levels were established at ten times the blank concentrations. The di-n-butylphthalate concentrations found

in the rinsate blanks NA-DVCT-SO04-51 and NA-ELEM-SO04-51 (1005) associated with this method blank were less than the action level and were qualified with a "B" flag. No other qualifiers were issued.

Several of the method blanks associated with the soil samples had one or more tentatively identified compounds (TIC) reported. The laboratory did not flag the associated sample TIC with a B, as required by the CLP SOW. If a TIC reported in a method blank was also present in a sample at a concentration less than the action level (10 times the blank concentration), the sample TIC result was qualified B and crossed off on the Form 1F, as specified by the Region III Modification to Functional Guidelines. See the **TIC** section for more details.

SDGs 9803156

The method blank associated with most of the soil samples contained diethylphthalate at a concentration of 45 µg/Kg. This compound was not detected in the associated samples; no action was necessary.

Initial Calibration

SDGs 9803074 and 9803076

The percent relative standard deviation (%RSD) value for 3-nitroaniline was greater than the 30% upper control limit (at 42.2%) in the initial calibration for instrument HP#H (analyzed 3/31/98). Since the response factor was greater than 0.05 and this analyte was not detected in any of the samples, no qualifiers were assigned.

SDG 9803127

The %RSD values in the initial calibration for instrument HP#H for hexachlorocyclopentadiene and 2,4-dinitrophenol were 36.3% and 31.3% respectively. Since the response factors were greater than 0.05 and these analytes were not detected in any of the samples, no qualifiers were added.

Continuing Calibration

SDG 9803074

The percent difference (%D) values for two or more compounds were outside the ±25% control limits in four of the seven CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. If an analyte was detected in a sample that has an associated CCAL outlier, the analyte was qualified J-5B. For non-detects associated with %D outliers, the detection limits were judged not significantly affected, and no action was taken.

SDG 9803075

The %D values for two or more compounds were outside the ±25% control limits in each of the four CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. None of the compounds associated with a %D outlier was reported in the associated samples. With the exception of hexachlorocyclopentadiene and 2,4-dinitrophenol, the detection limits were not significantly affected, and no action was taken.

The hexachlorocyclopentadiene %D value was greater than +50% (at 64%) in the CCAL analyzed 3/28/98, indicating a significant low bias. All hexachlorocyclopentadiene detection limits were estimated (UJ-5B) in the samples associated with this continuing calibration. The 2,4-dinitrophenol %D value was greater than +50% (at 60.6%) in the CCAL associated with one rinsate blank [NA-ELEM-SO04-51(1300)]. The 2,4-dinitrophenol result in this rinsate blank was estimated (UJ-5B) due to the low bias.

SDG 9803076

The %D values for two or more compounds were outside the ±25% control limits in each of the three CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. None of the compounds associated with a %D outlier was reported in the associated samples. With the exception of hexachlorocyclopentadiene, the detection limits were not significantly affected, and no action was taken.

The hexachlorocyclopentadiene %D value was greater than +50% (at 73.3%) in the CCAL analyzed 3/30/98, indicating a significant low bias. All hexachlorocyclopentadiene detection limits were estimated (UJ-5B) in the samples associated with this continuing calibration.

SDG 9803077

The %D values for two or more compounds were outside the ±25% control limits in each of the five CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. If an analyte was detected in a sample that has an associated CCAL outlier, the analyte was qualified J-5B. For non-detects associated with %D outliers, with the exception of hexachlorocyclopentadiene and 2,4-dinitrophenol, the detection limits were not significantly affected, and no action was taken.

The hexachlorocyclopentadiene %D values were greater than +50% (at 55.1% and 54.5%) in the CCAL analyzed 3/28/98 and 3/30/98, indicating a significant low bias. All hexachlorocyclopentadiene detection limits were estimated (UJ-5B) in the samples associated with these continuing calibrations. The 2,4-dinitrophenol %D value was greater than +50% (at 60.6%) in the CCAL associated with two rinsate blanks (REF2-SO05-51 and TRND-SO11-51). The 2,4-dinitrophenol results in these rinsate blanks were estimated (UJ-5B) due to the low bias.

SDG 9803124

The %D values for three compounds (2,2' oxybis(1-chloropropane), hexachlorocyclopentadiene, and di-n-octylphthalate) were outside the ±25% control limit in the continuing calibration

analyzed 4/3/98. None of the compounds associated with a %D outlier was reported in the associated samples. The detection limits were not significantly affected, and no action was taken.

SDG 9803127

The %D values for two or more compounds were outside the ±25% control limits in two of the four CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. If an analyte was detected in a sample that has an associated CCAL outlier, the analyte was qualified J-5B. For non-detects associated with %D outliers, the detection limits were not significantly affected, and no action was taken.

SDG 9803156

The %D values for two or more compounds were outside the ±25% control limits in each of the three CCAL submitted with this SDG A list of the %D outliers and the associated samples is in the data validation worksheets. If an analyte was detected in a sample that has an associated CCAL outlier, the analyte was qualified J-5B. For non-detects associated with %D outliers, the detection limits were not significantly affected, and no action was taken.

Surrogate Compounds

SDG 9803074

Samples NA-TOWR-SO06-02, NA-TOWR-SO08-01, NA-TOWR-SO10-01, & NA-TOWR-SO10-02 were re-extracted due to poor (<10%) recovery values of one or more surrogates in each of these samples. All surrogate recovery values in the re-extracted samples were acceptable. Since the original results may have a significant low bias, the re-extract results should be reported and the original results should not be used. The results from the original extraction were qualified as do-not-report (DNR-13). The results from the re-extracted samples should be reported, and were qualified J(+)/UJ(-) due to the holding time exceedance (see also the **Holding Times** section).

SDG 9803074/9803075

The percent recovery (%R) value for the surrogate 2,4,6 tribromophenol exceeded the upper control limit in the QC analyses SBLKAMS and SBLKDAMSD. Qualifiers are not issued to QC analyses; no action was taken. The outliers appear to be an isolated case.

SDG 9803076/9803077/9803127

Some of the samples in these SDG have surrogate %R values that exceed the upper control limit. As only one %R value outlier is present in each sample, the results were judged not significantly affected, and no action was taken.

Matrix Spike/Matrix Spike Duplicate Analyses

Matrix spike/matrix spike duplicate (MS/MSD) analyses were not performed for the water matrix. As all water samples were rinsate blanks, no action was necessary.

SDG 9803074

The MS/MSD was performed on sample NA-TOWR-SO06-01, although Sample NA-REF1-SO01-31 was specified for MS/MSD analyses. No action was taken. All %R values were acceptable. The relative percent difference (RPD) value for 1,2,4-trichlorobenzene was greater than the upper control limit by 1%. No action was taken.

SDG 9803077

The MS/MSD was performed on sample NA-TRND-SO04-02, although Sample NA-TRND-SO04-31 was specified for MS/MSD analyses. No action was taken. All %R values were acceptable. The RPD value for 1,4-dichlorobenzene was at the upper control limit of 27%. No action was taken.

SDG 9803124

The MS/MSD was performed on sample NA-TRND-SO23-02, although Sample NA-TRND-SO24-31 was specified for MS/MSD analyses. No action was taken. The %R values and RPD values for 1,4-dichlorobenzene and 1,2,4-trichlorobenzene exceeded the upper control limits. These compounds were not detected in the associated samples; no action was taken.

SDG 9803127

The MS/MSD was performed on sample NA-TRND-SO21-02. The %R value for 1,4-dichlorobenzene was less than the lower control limit in the MS/MSD, and the %R value for 1,2,4-trichlorobenzene was less than the lower control limit in the MS. As the LCS %R values for these compounds were acceptable, no action was taken based on the MS/MSD results alone.

SDG 9803156

The MS/MSD was performed on sample NA-TRND-SO01-01. The %R value for 2,4-dinitrotoluene was greater than the upper control limit in the MS/MSD. As the LCS %R value for 2,4-dinitrotoluene was acceptable, no action was taken based on the MS/MSD results.

Laboratory Control Sample/Laboratory Control Sample Duplicate Analyses

SDG 9803074/9803075/9803076/9803077/9803124/9803127

Laboratory control samples (LCS) are not specified or required by the CLP SOW for OLMO3.2 or by the Region III Functional Guidelines, although the QAPP requires LCS analyses. The LCS analyses were only spiked with the standard MS/MSD analyte list and did not contain the entire list of analytes.

In general, the precision and accuracy results found in the LCS/LCSD samples were acceptable. The %R values for some analytes in various LCS/LSCD sets exceed the 140% upper control limit. The RPD values were elevated for a few of the analytes in the LCS/LCSD sets associated with SDG 9803074. None of these analytes were detected in the associated samples, and no action was necessary.

Internal Standards

The internal standards in all samples met the acceptance criteria for the method except as noted below.

SDG 9803074

The internal standard area for perylene-d12 was less than the lower control limit for samples NA-TOWR-SO10-01 and NA-TOWR-SO06-01MS. No qualifiers were assigned since sample NA-TOWR-SO10-01 was qualified DNR (see **Surrogate Compounds** section), and NA-TOWR-SO06-01MS is a QC analysis.

Compound Quantitation and Reported Detection Limits

SDG 9803156

For Sample NA-TRND-S001-01, seven compounds were detected at concentrations greater than the calibration range of the instrument. The compounds were correctly 'E' flagged by the laboratory. The sample was reanalyzed at a dilution, and the compounds were detected within the instrument calibration range.

The compounds that exceeded the linear range in the original analysis were qualified as do-not-report (DNR), and should be reported from the dilution. In the dilution analysis, all compounds (except those that exceeded the linear range in the original analysis) were qualified as DNR and should be reported from the original analysis. The DNR qualifier does not imply that the data are not useable. The purpose is to designate which result (of multiple results) should not be used.

Tentatively Identified Compounds (TIC)

SDG 9803074/9803075/9803076/9803077/9803124/9803127/9803156

The laboratory reported the alkanes found during the TIC search in the case narrative, as specified by the CLP OLMO3.2 SOW. The remaining compounds were reported in the TIC report (Form 1F).

Although a TIC may be present in the associated method blank, the laboratory did not flag the TIC with a 'B' on the Form 1F. The laboratory also reported as "unknown" compounds which appear to be aldol condensates, solvent preservatives (such as cyclohexanone bi-products) or other laboratory artifacts. TIC that were also present in the associated method blank were qualified B and crossed out, as specified in the Region III Modifications to Functional Guidelines. Aldol condensates were flagged "A" and crossed off; other artifacts were also crossed off.

Several of the reported identifications of specific organic acids may be better reported in general as an "Unknown organic acid." These identifications were changed by the reviewer on the Form

1F. All other TIC identifications reported by the laboratory were appropriate, and were correctly J or JN flagged by the laboratory. No further action was taken..

Field Duplicates

All field duplicate RPD values were acceptable, with the exceptions as noted below.

SDG 9803074

Samples NA-REF1-SO02-02 and NA-REF1-SO02-12 are blind field duplicates. No target analytes were detected in these two samples; precision could not be evaluated.

SDG 9803077

Samples NA-TRND-SO04-31 and NA-TRND-SO04-11 are blind field duplicates. The RPD for most analytes exceeded the 50% control limit. However, most of the compound concentrations are less than the reported limit (and are J flagged by the laboratory). A higher variance is common at such low levels, and no action was taken.

SDG 9803127

Samples NA-TRND-SO22-01 and NA-TRND-SO22-11 are blind field duplicates. The RPD for all analytes exceeded the 50% control limit. All reported analytes are phthalates, with most concentrations slightly greater than the reporting limits. A higher degree of variance is common, and no action was taken based on field duplicate results alone.

SDG 9803156

Samples NA-TRND-SO12-01 and NA-TRND-SO12-11 are blind field duplicates. No target analytes were detected in these two samples; precision could not be evaluated.

Overall Assessment

On the basis of this evaluation, the laboratories followed the specified analytical method. The MS/MSD, LCS/LCSD, and field duplicate RPD results indicated acceptable precision, with exceptions as noted. Accuracy is also acceptable, as demonstrated by most of the surrogate, MS/MSD, and LCS spike recovery results.

Data were qualified because of holding time, blank, surrogate, and calibration outliers. Reported TIC results were evaluated and qualified as specified in the Region III Modifications to National Functional Guidelines.

Data that were qualified as DNR should not be used. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - FULL REVIEW
Atsugi Naval Air Base
Organochlorine Pesticide and Polychlorinated Biphenyls (PCB)
Matrix: Soil
Method: CLP

Analytical data for 113 soil samples and eight equipment rinsate blanks were reviewed using quality control (QC) criteria documented in the analytical method and the Quality Assurance Project Plan (QAPP). The samples were collected between March 7 and 17, 1998, and were analyzed by GP Environmental Services, Inc. Refer to the **Sample Index** for a complete listing of the samples.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

SDG 9803076: Sample NA-DVCT-S005-02 (corresponding to Lab Identification Number 9803076-19A) was incorrectly identified on the CLP forms and raw data as NA-DVCT-S006-01. As the Laboratory Identification Numbers were correct on all data, and the laboratory results forms listed the correct identifications, no action was taken.

II. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

* Technical Holding Times
* Performance Evaluation Check Standards
* Endrin/DDT Degradation Checks
* Initial Calibration
* Continuing Calibration
  Blanks
* Surrogate Compounds
* Matrix Spikes/Matrix Spike Duplicates
* Laboratory Control Samples
  Retention Times
* Compound Quantitation and Reported Detection Limits
  Chromatographic Performance
* Field Duplicate Precision
* Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified sample result summaries (Form Is) are included in **APPENDIX B**.

Technical Holding Times

SDG 9803075: Two equipment rinsate blanks [Samples NA-ELEM-S004-51(1005) and NA-ELEM-S004-51(1300)] were extracted one day past the 7-day extraction holding time criterion for water samples. No positive results were reported for these two samples; reporting limits were qualified as estimated (UJ-1).

SDG 9803077: One equipment rinsate blank (Sample NA-REF2-S002-51) was extracted 2 days past the 7-day extraction holding time criterion for water samples. No positive results were reported for this sample; reporting limits were qualified as estimated (UJ-1).

SDG 9803127: Three equipment rinsate blanks (Samples NA-TRND-S016-51, NA-TRND-S027-51, and NA-TRND-S031-51) were extracted 1 to 3 days past the 7-day extraction holding time criterion for water samples. No positive results were reported for these three samples; reporting limits were qualified as estimated (UJ-1).

SDG 9803156: All soil samples were extracted 19 days from collection, 12 days past the suggested holding time of 7 days. Since the samples were stored at 3°C, and pesticides and PCBs are stable in soil samples, the data were judged as not significantly affected; no action was taken.

Performance Evaluation Check Standards

SDG 9803074, 9803075, 9803076, 9803077, 9803124, and 9803127: For one or more performance evaluation check standards in each of these SDG, the resolution for one or more compounds was less than the minimum limit of 90% specified by the QAPP. No positive results in samples were associated with resolution outliers. As the method minimum requirement of 60% was met, the reported detection limits were judged not significantly affected, and no action was taken.

Endrin/DDT Degradation Checks

SDG 9803074, 9803075, 9803076, 9803077, 9803124, 9803127, and 9803156: The breakdown of endrin exceeded the 20% control limit for one or more degradation check standards. The outliers are listed in the Data Validation Worksheet. As no positive results for endrin, endrin ketone, or endrin aldehyde were reported for associated samples, no action was required.

SDG 9803074: For the one degradation check standard, the combined breakdown was greater than the 30% control limit. As no positive results were reported in the associated sample, no action was required.

Initial Calibration

SDG 9803074, 9803075, 9803076, 9803077, 9803124, 9803127, and 9803156: The percent relative standard deviation (%RSD) values for one or two compounds for each initial calibration were greater than the control limit of 20%. The outliers are listed in the Data Validation Worksheets. No positive results for the field samples were associated with %RSD outliers. Since all %RSD outliers were less than 30%, no action was taken for reporting limits.

Continuing Calibration

SDG 9803074, 9803705, 9803076, 9803077, and 9803127: Several percent difference (%D) values in the continuing calibrations were not within the ±15% control limit. The outliers are listed in the Data Validation Worksheets. No positive results for the field samples were associated with %D outliers. No action was taken for reporting limits, as all %D outliers were less than +25%.

SDG 9803124: Several %D values in the continuing calibrations were not within the ±15% control limit. The outliers are listed in the Data Validation Worksheet. The only positive results associated with %D outliers were 4,4'-DDT results for nine samples. These results were qualified as estimated (J-5B). Reporting limits for methoxychlor were qualified as estimated (UJ-5B) for 16 samples because the %D outliers were greater than +25%.

SDG 9803156: Several %D values in the continuing calibrations were not within the ±15% control limit. The outliers are listed in the Data Validation Worksheet. The only positive result associated with a %D outlier was the 4,4'-DDT result for Sample NA-TRND-S013-01. This result was qualified as estimated (J-5B). Reporting limits for methoxychlor were qualified as estimated (UJ-5B) for all samples except NA-TRND-S001-02, and the reporting limit for 4,4'-DDT was qualified as estimated (UJ-5B) for Sample NA-TRND-S015-01 because the %D outliers were greater than +25%. No other positive results for the field samples were associated with %D outliers. No action was taken for other reporting limits, as all other %D outliers were less than +25%.

Surrogate Compounds

SDG 9803074: For two diluted analyses (Samples NA-REF1-S003-01DL2 and NA-TOWR-S008-01DL), the percent recovery (%R) values for decachlorobiphenyl (DCB) on the RTX-1701 column were greater than the upper control limit of 150% (at 170% and 164%, respectively). As the %R values for DCB and tetrachloro-m-xylene (TCX) were within the control limits for the undiluted analyses for these samples, no qualifiers were assigned on the basis of surrogate recoveries.

SDG 9803075: For one diluted analysis (Sample NA-ELEM-S003-02DL2), the %R value for DCB on the RTX-1701 column was greater than the upper control limit of 150% (at 191%). As the %R values for DCB and TCX were within the control limits for the undiluted analysis for this

sample, no qualifiers were assigned on the basis of surrogate recoveries.

SDG 9803127: For Samples NA-TRND-S021-02 and NA-TRND-S022-01, the %R values for TCX on both columns were less than the lower control limit of 30% (ranging from 22% to 26%). As the %R values for DCB were within the control limits (for both columns) for these samples, no qualifiers were assigned on the basis of surrogate recoveries. For Sample NA-TRND-S021-02DL, the %R value for DCB on the RTX-1701 column was greater than the upper control limit of 150% (at 152%). As the %R values for DCB on the RTX-5 column and TCX on both columns were within the control limits, no qualifiers were assigned to this sample on the basis of surrogate recoveries.

Matrix Spikes/Matrix Spike Duplicates

SDG 9803074: Although Sample NA-REF1-S001-31 was designated for matrix spike/matrix spike duplicate (MS/MSD) analyses, MS/MSD analyses were performed using Sample NA-TOWR-S006-01. All results were within the specified control limits.

SDG 9803075: Although the client did not designate any sample for MS/MSD analyses, the laboratory performed MS/MSD analyses for Sample NA-ELEM-S003-01. For Sample NA-ELEM-S003-01MSD, the %R value for endrin was greater than the upper control limit of 139% (at 140%). Since no positive result for endrin was reported for the parent sample, no action was taken. The relative percent difference (RPD) value for heptachlor was greater than the upper control limit of 31% (at 39%). The positive result for heptachlor in the parent sample was qualified as estimated (J-9).

SDG 9803076: Although Samples NA-TOWR-S002-32 and NA-TOWR-S001-31 were designated for MS/MSD analyses, MS/MSD analyses were performed for Sample NA-DVCT-S006-01. No action was taken.

For Sample NA-DVCT-S006-01MS, the %R values for five compounds were greater than the upper control limits. The outliers are listed in the Data Validation Worksheet. Since all %R values for the MSD and laboratory control sample (LCS) were acceptable, no qualifiers were assigned to the parent sample. The RPD values for heptachlor and dieldrin were greater than the upper control limits. As no positive results for these two compounds were reported for the parent sample, no action was taken.

SDG 9803077: Although Sample NA-TRND1-S004-31 was designated for MS/MSD analyses, MS/MSD analyses were performed using Sample NA-DVCT-S007-01. All results were within the specified control limits.

SDG 9803127: Although the client did not designate any sample for MS/MSD analyses, the laboratory performed MS/MSD analyses using Sample NA-TRND-S022-11. All results were within the specified control limits.

SDG 9803156: Although the client did not designate any sample for MS/MSD analyses, the laboratory performed MS/MSD analyses using Sample NA-TRND-S001-02. All results were within the specified control limits.

Laboratory Control Samples

SDG 9803127: The %R value for endrin was greater than the upper control limit of 121% (at 130%) for the laboratory control sample duplicate (LCSD) associated with the water analyses. As no positive results for endrin were reported for the water samples, no action was required.

Compound Quantitation and Required Reporting Limits

SDG 9803074, 9803075, 9803076, 9803077, 9803124, 9803127, and 9803156: Positive results that were less than the required reporting limits were J-flagged by the laboratory. No additional action was necessary.

Sample results that had an RPD value greater than 25% between the two columns were P-flagged by the laboratory. These results were qualified as estimated (J-9).

For several samples, target compounds were present at concentrations that were greater than the linear range of the instrument in the original analysis. These analytes were E-flagged by the laboratory on the sample result summary forms. The samples were diluted and reanalyzed, and the analytes were detected within the linear range. The results in the original analyses that exceeded the linear range should not be used and were qualified as do-not-report (DNR-20). The result should be reported from the diluted analysis. Results for all compounds except those that exceeded the linear range should be reported from the original analysis. All results, except those that originally exceeded the linear range, should not be used in the reanalysis and were qualified as do-not-report (DNR-14). As a usable result exists for each compound in a sample, the percent completeness is still 100%.

SDG 9803074: Sample NA-REF1-S003-1 was analyzed at a two-fold dilution due to high concentrations of target analytes. The reported detection limits were elevated accordingly, and were greater than the QAPP specified reporting limits by a factor of two.

SDG 9803075: Sample NA-ELEM-S003-02 was analyzed at a two-fold dilution due to high concentrations of target analytes. The reported detection limits were elevated accordingly, and were greater than the QAPP specified reporting limits by a factor of two.

Field Duplicate Precision

SDG 9803127: For field duplicates NA-TRND-S022-01 and NA-TRND-S022-11, the RPD value for 4,4'-DDT was greater than the upper control limit of 50 (at 52.8%). The results for this compound in both samples were already qualified as estimated (J-9) because the RPD value for

the dual column results was greater than 25%. (See the **Compound Quantitation and Required Reporting Limits** Section.) No further action is recommended.

Calculation and Transcription Checks

SDG 9803127: The surrogate %R values for the water samples were reported incorrectly on the surrogate summary form (Form II PEST-1). The actual %R values are two times higher than those reported. As no surrogate %R values for the water samples were outside of the control limits, no further action was taken.

III. OVERALL ASSESSMENT

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD and field duplicate RPD results indicated acceptable precision, with exceptions noted above. Accuracy is also acceptable, as demonstrated by the surrogate, MS/MSD, and LCS recovery results, with exceptions noted above.

Data were qualified because of holding time exceedances, calibration outliers, MS/MSD RPD outliers, differences between results on the two columns, and concentrations that exceeded the linear range of the instrument.

Data that were flagged as DNR should not be used. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - FULL REVIEW
Atsugi Naval Air Base
Dioxin Furan Compounds
Matrix: Soil
Method: 8290

Analytical data for 113 soil samples and 7 equipment rinsate blanks were reviewed using quality control (QC) criteria documented in the analytical method and the Quality Assurance Project Plan (QAPP). The samples were collected between March 7 and 17, 1998, and were analyzed by Triangle Laboratories, Inc. (TLI). Refer to the **Sample Index** for a complete listing of the samples.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

SDGs 45215A and 45215B: The field samples and equipment rinsate blank were identified on the chain-of-custody form (COC) as beginning with the letter "N", but the laboratory identified the samples and blank by substituting the "N" with "F". No action was taken other than to note the discrepancy.

II. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

	Technical Holding Times	*	Labeled Compounds
	Instrument Performance Check	*	Laboratory Control Samples and Matrix Spike Samples
	Initial Calibration	*	Field Duplicates
*	Continuing Calibration Verification (CCV)	*	Compound Identification
	Isomer Specificity	*	Compound Quantitation and Reported Detection Limits
*	Blanks (Method, Clean-Up, and Equipment)		Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. The qualified sample result summaries (Form Is) are included in **APPENDIX B**.

Continuing Calibration Verification (CCV)

SDG 45201B: For the ending CCV analyzed on Instrument U on March 27, 1998 (at 19:29), the percent difference (%D) values for the labeled compounds $^{13}C_{12}$-PeCDD 12378 (36.3%) and $^{13}C_{12}$-OCDD (57.3%) were outside the ±35.0% control limit. As the percent recovery (%R)

values for these compounds were acceptable in the associated samples, the reported sample results were judged not significantly affected, and no action was taken.

SDGs 45201Br2 and 45308A: For the ending CCV analyzed on Instrument S on April 11, 1998 (at 11:45), the %D values for labeled compounds $^{13}C_{12}$-PeCDD 12378 (-38.9%) and $^{13}C_{12}$-OCDD (-37.7%) were outside the ±35.0% control limit. As the percent recovery (%R) values for these compounds were acceptable in the associated samples, the reported sample results were judged not significantly affected, and no action was taken.

SDG 45215A: For the beginning CCV analyzed on Instrument U on April 3, 1998 (at 18:23), the %D value for the target compound 123478-HxCDD (20.3%) was outside the ±20.0% control limit for target compounds. Associated sample results were qualified as estimated (J,UJ-5B).

Blanks (Method, Clean-Up, and Equipment)

Positive results for target analytes were reported for several blanks. To evaluate the effect of laboratory contamination on the associated sample results, action levels of five times the blank concentrations were established. Positive results for specific congeners with concentrations less than the action level were qualified as B-6 (for equipment blank contamination)or B-7 (for method or clean-up blank contamination) at the reported levels in the associated samples.

Many of the blanks also had reported 'total' results. The 'total' represents the sum of all target congeners and all non-target peaks that meet the ion ratio criteria. A reported 'total' result may include from one to 49 separate peaks. Due to this, it is not possible to directly correlate a reported 'total' in a blank to reported 'totals' in the associated samples. Therefore, data were not qualified based on reported 'total' values in the blanks.

The laboratory flagged positive results in field samples as "B" when the compound was present in the associated method blank, even if the concentrations in the field samples were greater than the action levels. Therefore, some results that were flagged as "B" by the laboratory were not qualified based upon blank contamination.

The laboratory also "B"-flagged compounds in field samples even when the compounds were reported as estimated maximum possible concentration (EMPC) results in the blank. Since EMPC values should not be interpreted as positive results (see **Compound Quantitation and Reported Detection Limit** Section), field sample results that were flagged as "B" due to an EMPC in the associated blank were not qualified based upon blank contamination.

SDG 45201A: Positive results for OCDD (0.39 pg/g) and 123478 HxCDF (0.17 pg/g) were reported in the clean-up blank. Associated sample results less than the 5x action levels were qualified B-7.

Total HxCDF (0.17 pg/g) was reported in the clean-up blank. No action was taken.

SDGs 45201B and 45203A: Positive results for Total HxCDD (0.27 pg/g) and Total HxCDF (0.22 pg/g) were reported in the method blank. No action was taken.

SDG 45201Br2: A positive result for OCDD (3.8 pg/g) was reported for the method blank. No associated sample results for OCDD were at concentrations less than the action level, and no qualifiers were issued.

SDG 45202A and 45202B: Positive results for five target compounds were reported in the method blank. The specific contaminants and concentrations found are listed in the Data Validation Worksheets. Associated sample results less than the 5x action levels were qualified B-7.

Total HpCDD, Total HxCDF, and Total HpCDF were reported in the method blank. No action was taken.

SDG 45215B: A positive result for OCDD (6.7 pg/L) was reported for equipment rinsate blank NA-TRND-S011-51. No associated sample results for OCDD were at concentrations less than the action level, and no qualifiers were issued.

SDG 45217B: A positive result for OCDD (7.6 pg/L) was reported for equipment rinsate blank NA-DVCT-S004-51. No associated sample results for OCDD were at concentrations less than the action level, and no qualifiers were issued.

SDG 45288C: Positive results for 123478-HxCDF (12.4 pg/L) and 123678-HxCDF (12.5 pg/L) were reported in the method blank. Associated sample results less than the 5x action levels were qualified B-7.

Total HxCDF (24.9 pg/L) was also reported in the method blank. No action was taken.

Positive results for seven target compounds and four 'totals' were reported for equipment rinsate blank NA-TRND-S027-51. The specific contaminants and concentrations found are listed in the Data Validation Worksheets. No associated sample results for these compounds were at concentrations less than the action level, and no qualifiers were issued.

SDG 45308A: Positive results for eight target compounds were reported in the clean-up blank. The specific contaminants and concentrations found are listed in the Data Validation Worksheets. Associated sample results less than the 5x action levels were qualified B-7.

Three positive 'total' results were also reported in the clean-up blank. No action was taken.

Labeled Compounds

Three types of labeled compounds are used for the dioxin/furan analyses: internal standards, which are used to calculate the recovery values of all target (target) compounds; recovery standards, which are used to quantitate the concentration of the labeled compounds; and surrogate standards, which are used to monitor method and clean-up efficiency. TLI further

designates some of the labeled compounds as "Alternate Standards" and "Other Standards". These labeled compounds are not used for compound quantitation; however, the recovery values are tracked to monitor method efficiency.

Several labeled compound percent recovery (%R) values were not within the control limits listed in the QAPP (25% to 125%). All outliers were greater than the upper control limit of 125%. Positive results in the field samples for target compounds associated with labeled compound %R value outliers were qualified as J-13 for surrogate outliers and J-19 for internal standard outliers. For labeled compound outliers, only the associated target compound (same congener, or quantitated using the labeled compound) was qualified.

SDG 45201A: The labeled compound %R value for one compound ($^{13}C_{12}$-1234678-HpCDD) for Sample NA-TOWR-S005-01 was greater than the upper control limit of 125% (at 136%). A positive result in the field sample for 1234678-HpCDD was qualified as estimated (J-19).

SDG 45201B: The labeled compound %R values for two compounds in the laboratory control sample (LCS) and one compound in the laboratory control sample duplicate (LCSD) were greater than the upper control limit of 125%. Since qualifiers are not issued to QC samples, no action was taken.

SDG 45202A: The labeled compound %R values for one or more compounds in 10 field samples, the matrix spike (MS), and the matrix spike duplicate (MSD) analyses were greater than the upper control limit of 125%. The outliers are listed in the Data Validation Worksheet. Positive results in the field samples for target compounds associated with labeled compound %R value outliers were qualified as estimated (J-13 or J-19). Qualifiers are not issued to QC analyses, so no action was taken for the MS/MSD labeled compound outliers.

SDG 45202B: The labeled compound %R values for one or more compounds in three field samples and one clean-up blank were greater than the upper control limit of 125%. The outliers are listed in the Data Validation Worksheet. Positive results in the field samples for target compounds associated with labeled compound %R value outliers were qualified as estimated (J-13 or J-19). No action was taken for the clean-up blank outliers.

SDG 45203A: The labeled compound %R values for one or more compounds in three field samples and the LCS and LCSD were greater than the upper control limit of 125%. The outliers are listed in the Data Validation Worksheet. Positive results in the field samples for target compounds associated with labeled compound %R value outliers were qualified as estimated (J-13 or J-19). No action was taken for the LCS/LCSD labeled compound outliers.

SDG 45217A: The labeled compound %R value for one compound ($^{13}C_{12}$-1234789-HpCDF) for Sample NA-DCVT-S005-01 was greater than the upper control limit of 125% (at 134%). A positive result in the field sample for 1234789-HpCDF was qualified as estimated (J-13).

SDG 45308B: The labeled compound %R value for one compound ($^{13}C_{12}$-123478-HxCDD) for Sample NA-TRND-S019-01 was greater than the upper control limit of 125% (at 127%). A positive result in the field sample for 123478-HxCDD was qualified as estimated (J-13).

Laboratory Control Samples and Matrix Spike Samples

SDG 45201A: Although Sample NA-TOWR-S002-32 was designated for MS/MSD analyses, no MS/MSD analyses were performed for this batch of samples. However, an LCS/LCSD set was analyzed, and all results were within the specified control limits. No action was taken.

SDG 45202A: The laboratory did not extract or analyze an LCS for this batch of samples. The QAPP requires that one LCS be performed with each batch of samples. However, a MS/MSD set was analyzed. No action was taken due to the lack of an LCS analysis.

The %R values three compounds in the MS and two compounds in the MSD were outside the control limits of 60% to 140%. The relative percent difference (RPD) values for four compounds were greater than the upper control limit of 50%. The outliers are listed in the Data Validation Worksheet. OCDD is the only compound detected in the parent sample (NA-REF1-S001-31) that is associated with %R value outliers in both the MS and MSD analyses. Since the RPD value for OCDD was greater than 50%, the OCDD value in the parent sample was qualified as estimated due to accuracy and precision outliers (J-8,9).

SDG 45215A: Although Sample NA-TRND-S004-31 was designated for MS/MSD analyses, no MS/MSD analyses were performed for this batch of samples. However, an LCS/LCSD set was analyzed, and all results were within the specified control limits. No action was taken.

SDG 45288A: Although Sample NA-TRND-S024-31 was designated for MS/MSD analyses, no MS/MSD analyses were performed for this batch of samples. However, an LCS/LCSD set was analyzed, and all results were within the specified control limits. No action was taken.

Field Duplicates

SDG 45201A: For field duplicates NA-TOWR-S003-01 and NA-TOWR-S003-11, the RPD values for 1234789-HpCDF (55.2%) and OCDF (79.6) were greater than the upper control limit of 50%. Since 24 of 26 RPD values were acceptable, no qualifiers are recommended on the basis of field duplicate results.

For the field duplicate set consisting of Samples NA-TOWR-S004-02 and NA-TOWR-S004-12, the RPD value outliers include 123789-HxCDD (80.4%), Total PeCDD (73.2%), Total HxCDD (66.7%), Total TCDF (60.6%), and Total HxCDF (109%). The 123789-HxCDD concentrations were at low levels (less than 5 pg/g); a higher variance is common at concentrations less than the method minimum levels. Since the reported 'total' values consist of all peaks that meet the ion abundance criteria, higher RPD values are common. No qualifiers are recommended on the basis of field duplicate results.

SDG 45202A: One field duplicate set (NA-REF1-S002-02 and NA-REF1-S002-12) was analyzed. The RPD values for OCDF (63.2%) and Total HpCDF (65.1%) were greater than the upper control limit of 50%. Since 22 of 24 RPD values were acceptable, no qualifiers are recommended on the basis of field duplicate results.

SDG 45202B: One field duplicate set (NA-Elem-S002-01 and NA-Elem-S002-11) was analyzed. The RPD values for 1234678-HpCDD (59.6%), OCDD (79.9%), Total TCDF (84.2%), and Total HpCDD (67.7%) were greater than the upper control limit of 50%. Since seven of 11 RPD values were acceptable, no qualifiers are recommended on the basis of field duplicate results.

SDG 45308B: For field duplicate set NA-TRND-S015-02 and NA-TRND-S015-12, the RPD value for 123478-HxCDD (103%) was greater than the upper control limit of 50%. Since 20 of 21 RPD values were acceptable, no qualifiers are recommended on the basis of field duplicate results.

Compound Identification

EMPC results for target compounds should not be interpreted as positive results (see **Compound Quantitation and Reported Detection Limits** Section). However, several results reported as EMPC were "X"-flagged by the laboratory to indicate that a significant diphenyl ether interference was present at a retention time near the expected target compound. A review of the raw data for these compounds indicated that for some X-flagged results the retention time and ion abundance ratio criteria were acceptable. However, since a large diphenyl ether peak could result in potential false positives, TLI labels the result as an EMPC value with a laboratory "X"-flag, even if all identification criteria may have been met. As an EMPC value represents an elevated detection limit, this was judged to be acceptable, and no further action was taken.

Compound Quantitation and Reported Detection Limits

Two types of reporting limits are used for high resolution dioxin/furan analyses: detection limits (DL) and EMPC results. DL values are reported when no peak is detected (flat baseline) at the correct retention time for a given target compound ion. When a peak is present, the peak is evaluated against retention time and ion abundance ratio criteria. If the criteria are not met, the peak is not considered to be a target compound. However, since a peak is present, a DL value (from a flat baseline) is not appropriate. Instead, the peak is quantitated as if a target compound was present, and the reported value represents the estimated maximum possible concentration (EMPC) that would be reported if the peak met the identification criteria. EMPC values generally should not be interpreted as positive results; rather, the EMPC values represent elevated detection limits.

For many samples with positive results for 'totals', an EMPC value was also reported. In these cases, the concentrations for the 'totals' represent the total concentrations for the peaks that met retention time and ion abundance ratio criteria. These results should be considered as positive results. The EMPC 'total' value represents the maximum possible concentration for all peaks, even if the identification criteria were not met.

The laboratory flagged several positive results as "J", indicating that the concentration is less than the lowest calibration standard. For these compounds, the retention time and ion abundance criteria were met. No further action was necessary.

The laboratory flagged several compounds in several samples as "PR", indicating poor resolution of the peak. The laboratory also flagged compounds as "Q", indicating quantitative interference. The laboratory flags are printed on the sample results summary forms. As the reported concentrations of target compounds in these two cases most likely have a high bias, positive results for specific congeners were qualified as estimated (J-14). Several internal standard (labeled compound) results were flagged "Q" by the laboratory. In these cases, associated positive results and detection limits for target compounds would most likely have a low bias. The associated target compound results were qualified as estimated (J/UJ-14).

Positive results for several samples were flagged "E" by the laboratory to indicate that the calibration range of the instrument was exceeded. Target compounds flagged "E" by the laboratory were qualified as estimated (J-20).

When positive results for 2378-TCDF at concentrations greater than 1.0 pg/g were present in the DB5 analyses of samples, the extracts were reanalyzed using a DB225 column. The 2378-TCDF results were confirmed on the DB225 column, except as noted below. Where 2378 TCDF was analyzed on the DB225 column, the results from the DB5 column should not be used, since 2378-TCDF has better resolution on the DB225 column. The DB5 column results were qualified as DNR-14

SDG 45201A: For Sample NA-TOWR-S001-01, a positive result for 2378-TCDF (7.9 pg/g) was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the 2378-TCDF result was not confirmed (EMPC of 0.65 pg/g). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used and was qualified as DNR-14. The non-detect result from the DB225 column should be used as the final value.

SDG 45201B: For Samples NA-TOWR-S007-01 and NA-TOWR-S008-01, positive results for 2378-TCDF (1.0 pg/g and 1.8 pg/g, respectively) were reported for the DB5 column analyses. The extracts were reanalyzed using the DB225 confirmation column; the 2378-TCDF results were not confirmed (DL of 0.9 pg/g and EMPC at 1.4 pg/g, respectively) Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF results from the DB5 column should not be used and were qualified as DNR-14. The non-detect results from the DB225 column should be used as the final values.

For Sample NA-TOWR-S011-01, an EMPC result for 2378-TCDF at 1.1 pg/g was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the compound was not detected (DL of 0.6 pg/g). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used. The DB5 result for 2378-TCDF was qualified as DNR-14. The lower detection limit from the DB225 column should be used as the final value.

SDG 45202A: For Sample NA-REF1-S006-02, an EMPC result for 2378-TCDF at 2.0 pg/g was reported for the DB5 analysis. The extract was reanalyzed using the DB225 confirmation column and a positive result for 2378-TCDF (0.94 pg/g) was present. Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be

used. The DB5 result for 2378-TCDF was qualified as DNR-14. The positive result from the DB225 column should be used as the final value.

SDG 45203A: For Sample NA-REF2-S004-01, a positive result for 2378-TCDF (10.4 pg/g) was reported on the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the 2378-TCDF result was not confirmed (EMPC at 2.2 pg/g). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used and was qualified as DNR-14. The non-detect from the DB225 column should be used as the final value.

SDG 45204A: For Sample NA-Elem-S006-01, a positive result for 2378-TCDF (2.0 pg/g) was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the 2378-TCDF result was not confirmed (DL of 0.8 pg/g). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used. The DB5 result for 2378-TCDF was qualified as DNR-14. The non-detect from the DB225 column should be used as the final value.

SDG 45217A: For Samples NA-DVCT-S005-01 and NA-DVCT-S005-02, positive results for 2378-TCDF (13.4 pg/g and 3.4 pg/g, respectively) were reported for the DB5 column analyses. The extracts were reanalyzed using the DB225 confirmation column; the 2378-TCDF results were not confirmed (EMPCs at 2.6 pg/g and 1.3 pg/g, respectively). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF results from the DB5 column should not be used and were qualified as DNR-14. The non-detect results from the DB225 column should be used as the final values.

SDG 45288B: For Sample NA-TRND-S029-02, an EMPC result for 2378-TCDF at 2.3 pg/g was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; a positive result at 1.1 pg/g was reported. Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used. The DB5 result for 2378-TCDF was qualified as DNR-14. The positive result from the DB225 column should be used as the final value.

For Sample NA-TRND-S032-01, a positive result for 2378-TCDF (17.0 pg/g) was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the 2378-TCDF result was not confirmed (EMPC at 4.8 pg/g). Since 2378-TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used and was qualified as DNR-14. The non-detect from the DB225 column should be used as the final value.

SDG 45308A: For Sample NA-TRND-S006-01, an EMPC result for 123789-HxCDF at 165 pg/g was greater than the detection limit of 50 pg/g required by the QAPP. No action was taken, other than to note the elevated detection limit.

SDG 45308B: For Sample NA-TRND-S021-02, a positive result for 2378-TCDF (2.3 pg/g) was reported for the DB5 column analysis. The extract was reanalyzed using the DB225 confirmation column; the 2378-TCDF result was not confirmed (DL 0.8 pg/g). Since 2378-

TCDF has better resolution on the DB225 column, the 2378-TCDF result from the DB5 column should not be used. The DB5 result for 2378-TCDF was qualified as DNR-14. The non-detect from the DB225 column should be used as the final value.

III. OVERALL ASSESSMENT

On the basis of this evaluation, the laboratory followed the specified analytical method, and the project-specific analytical requirements. Accuracy was acceptable, as demonstrated by the %R values for most of the labeled compounds, most of the MS compounds in the MS/MSD analyses, and all of the spike compounds in the LCS/LCSD sets. Precision was acceptable on the basis of the field duplicate sets, LCS/LCSD, and most of the MS/MSD RPD values.

The 2378-TCDF results should be reported from the DB225 column, when analyzed. The DB5 column results should not be used for 2378-TCDF when confirmed by a DB225 column.

Data were qualified because of continuing calibration outliers, blank contamination, labeled compounds, MS/MSD results, quantitative interferences, poor resolution, and calibration range exceedance.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - FULL REVIEW
Atsugi Naval Air Base
Priority Pollutant Metals
Matrix: Soil

This report documents the review of analytical data from the analysis of soil samples for priority pollutant metals by GP Environmental Services. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- * Initial Calibration
- Initial and Continuing Calibration Verification
- * Blanks (Method and Calibration)
- * ICP Interference Check Sample
- * Matrix Spike Sample
- Duplicate Sample
- * Laboratory Control Sample
- * ICP Serial Dilution (ICP only)
- * Field Duplicate Samples
- * Sample Result Quantitation and Contract-Required Detection Limits (CRDL)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Initial Calibration

SDG 9803124

The percent recovery (%R) values for lead in the contract required detection limit standard (CRII) and chromium, iron, nickel, and sodium in the CRIF were not within the control limits of 80% to 120%. All sample lead, chromium, and iron results were greater than the action levels. All sodium results were less than the action level and were qualified (L-5A).

Blanks

SDG 9803074

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for thallium in the soil samples. The thallium results were qualified (L/UL-7).

Several analytes were detected in the water preparation and continuing calibration blanks greater than the IDL. The aluminum, barium, calcium, copper, magnesium, potassium, sodium, and zinc results in the water sample were qualified (B-7).

SDG 9803075

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for thallium in the soil samples. The thallium results were qualified (L/UL-7).

Several analytes were detected in the water preparation and continuing calibration blanks greater than the IDL. The aluminum, barium, calcium, copper, magnesium, potassium, sodium, and zinc results in the water sample were qualified (B-7).

SDG 9803076

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits.

SDG 9803077

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for thallium in several soil samples. The thallium results were qualified (L/UL-7).

Several analytes were detected in the water preparation and continuing calibration blanks greater than the IDL or less than the negative IDL. The aluminum, barium, calcium, chromium, copper,

magnesium, potassium, sodium, and zinc results in the water sample were qualified (B-7 or UL-7 as appropriate).

Cyanide was detected in the field blank NA-REF2-S002-51 at 11.4 ug/L. No action was taken on this basis.

SDG 9803124

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for antimony and thallium in the soil samples. The antimony and thallium results were qualified (L/UL-7).

SDG 9803127

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits.

Several analytes were detected in the water preparation and continuing calibration blanks greater than the IDL. The aluminum, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, vanadium and zinc results in the water samples were qualified (B-7).

Lead was detected in the field blank NA-TRND-S016-51 at 35.5 ug/L. No action was taken on this basis.

SDG 9803156

Several analytes were detected in the soil preparation and continuing calibration blanks at concentrations greater than the IDL or less than the negative IDL. All sample results were greater than the corresponding action limits except for thallium in the soil samples. The thallium results were qualified (L/UL-7).

ICP Interference Check Sample

SDG 9803074

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. All positive antimony and cadmium results were qualified as estimated (K-14); no action was taken for non-detect antimony or cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803075

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. All positive antimony and cadmium results were qualified as estimated (K-14); no action was taken for non-detect antimony or cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803076

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes(aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. All positive cadmium results were qualified as estimated (K-14); no action was taken for non-detect cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803077

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions, except for Sample NA-DVCT-S007-01. Positive antimony and cadmium results less than the associated action levels were qualified as estimated (K-14); no action was taken for non-detect antimony or cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803124

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. Positive cadmium results less than the associated action levels were qualified as estimated (K-14); no action was taken for non-detect results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803127

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. Positive cadmium results less than the associated action levels were qualified as estimated (K-14); no action was taken for non-detect results. All

selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

SDG 9803156

Several analytes were detected in the ICSA solutions at concentrations greater than the IDL or less than the negative IDL. Of the four interferent analytes (aluminum, calcium, iron, and magnesium), only iron was present in the field samples at concentrations greater than or equal to the concentrations in the ICS solutions. Positive antimony and cadmium results less than the associated action levels were qualified as estimated (K-14); no action was taken for non-detect antimony or cadmium results. All selenium results were qualified as estimated (L/UL-14). All other sample results were greater than the corresponding action limits.

Matrix Spike Sample

SDG 9803074

The soil antimony matrix spike/matrix spike duplicate (MS/MSD) %R were less than the control limits of 75% to 125% at 44.7% and 47.1%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8).

The soil selenium MS %R value (72.5%) was less than the control limits. All associated soil selenium results were qualified as estimated (L/UL-8).

SDG 9803075

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 50.0% and 53.0%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8). The soil selenium MS %R value (67.9%) was less than the control limits. All associated soil selenium results were qualified as estimated (L/UL-8).

SDG 9803076

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 40.9% and 42.7%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8). The soil barium MS/MSD %R were less than the control limits of 75% to 125% at 30.6% and 30.0%, respectively. All associated soil barium results were qualified as estimated (L/UL-8). The soil selenium MSD %R value (52.8%) was less than the control limits. All associated soil selenium results were qualified as estimated (L/UL-8).

SDG 9803077

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 54.1% and 51.7%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8).

SDG 9803124

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 35.2% and 35.9%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8). The soil selenium MS %R value (65.1%) was less than the control limits. All associated soil

selenium results were qualified as estimated (L/UL-8). The soil thallium MSD %R value (70.2%) was less than the control limits. All associated soil thallium results were qualified as estimated (L/UL-8).

SDG 9803127

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 35.7% and 38.6%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8).

SDG 9803156

The soil antimony MS/MSD %R were less than the control limits of 75% to 125% at 42.3% and 40.2%, respectively. All associated soil antimony results were qualified as estimated (L/UL-8).

Laboratory Control Sample

SDG 9803074

The soil barium laboratory control sample (LCS) %R was greater than the upper control limit of 3630 mg/Kg at 3896 mg/Kg. All associated positive soil barium results were qualified as estimated (K-10).

SDG 9803075

The soil barium LCS %R was greater than the upper control limit of 3630 mg/Kg at 3730 mg/Kg. All associated positive soil barium results were qualified as estimated (K-10).

SDG 9803076

The soil barium LCS %R was greater than the upper control limit of 3630 mg/Kg at 4260 mg/Kg. All associated positive soil barium results were qualified as estimated (K-10).

ICP Serial Dilution

SDG 9803124

All percent difference (%D) values were acceptable, except for chromium (18.6%), nickel (106.9%), and sodium (14.1%). All associated chromium, nickel, and sodium results were qualified as estimated (J/UJ-16).

Field Duplicate Samples

SDG 9803075

All RPD values were acceptable, except for calcium (64.6%) in the 980307510A/980307511A field duplicate pair. No action was taken on this basis.

SDG 9803156

All RPD values were acceptable, except for nickel (65.5%) in the NA-TRND-S012-01/NA-TRND-S012-11 field duplicate pair. No action was taken on this basis.

Sample Result Quantitation and Contract-Required Detection Limits

SDG 9803074, 9803075, 9803076, 9803077, 9803124, 9803127, 9803156

The laboratory reported a selenium reporting limit of 0.267 mg/Kg instead of the QAPP required 0.1 mg/Kg. No action was taken.

III. OVERALL ASSESSMENT

On the basis of this evaluation, the laboratory followed the specified methods. Precision was acceptable, as demonstrated by the RPD values of the MS/MSD and laboratory and field sample/duplicate analyses, except where previously noted. Accuracy was acceptable, as demonstrated by the MS, MSD, and LCS %R values, except where previously noted.

Qualification of sample results was required because of initial calibration (CRII and CRIF), blank, MS %R, LCS %R and serial dilution %D outliers.

All data, as qualified, are acceptable for use.

APPENDIX A
DATA QUALIFIER DEFINITIONS

DATA VALIDATION QUALIFIER CODES
REGION III

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

CODES RELATING TO IDENTIFICATION
(confidence concerning presence or absence of compounds)

U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
(NO CODE)	Confirmed identification.
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unreliable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATING TO QUANTITATION
(can be used for both positive results and sample quantitation limits)

J	Analyte present. Reported value may not be accurate or precise.
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
UJ	Not detected, quantitation limit may be inaccurate or imprecise.
UL	Not detected, quantitation limit is probably higher.

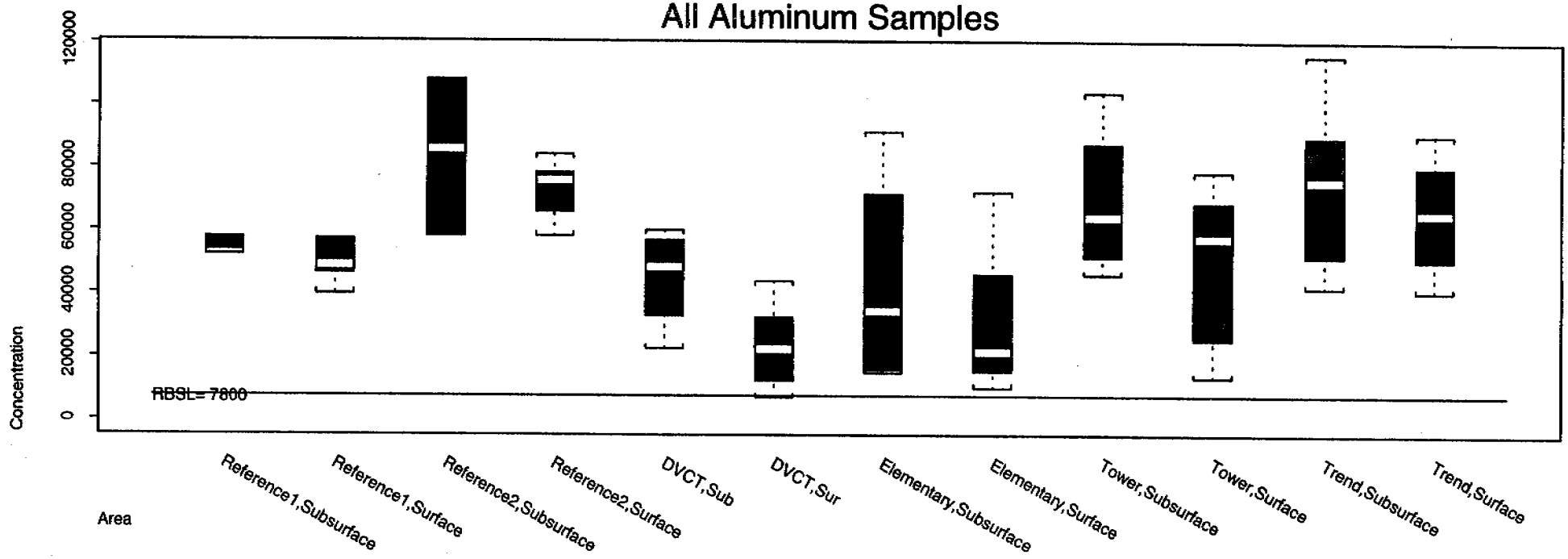
OTHER CODES

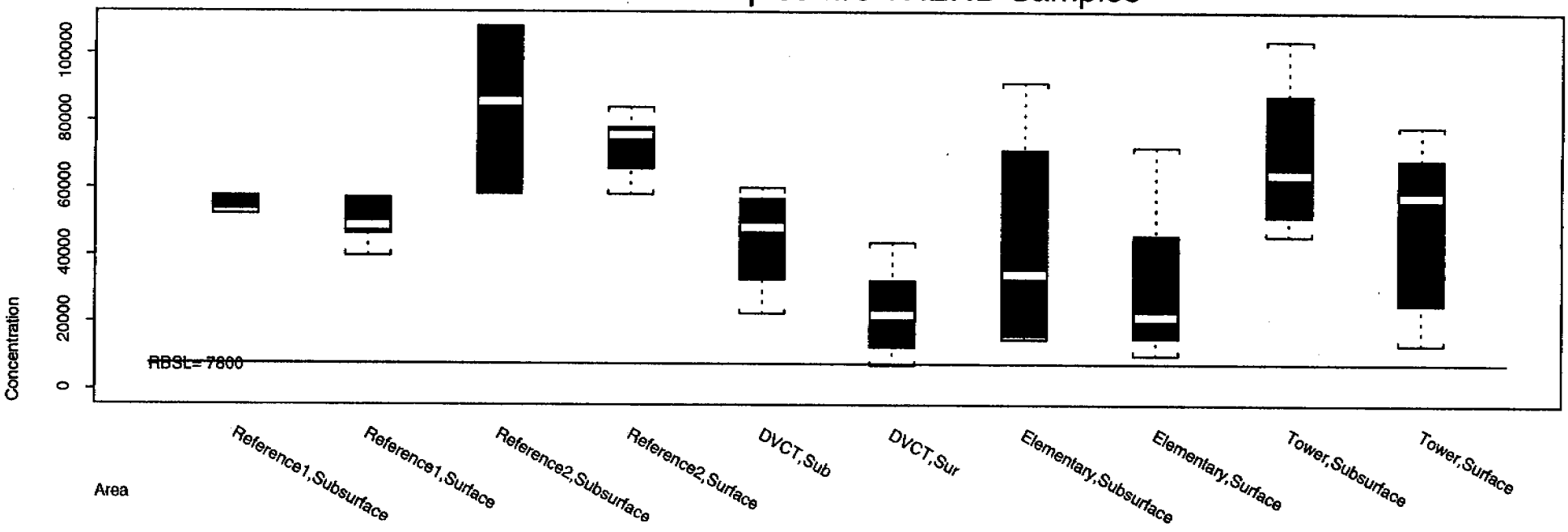
Q	No analytical result.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

APPENDIX E

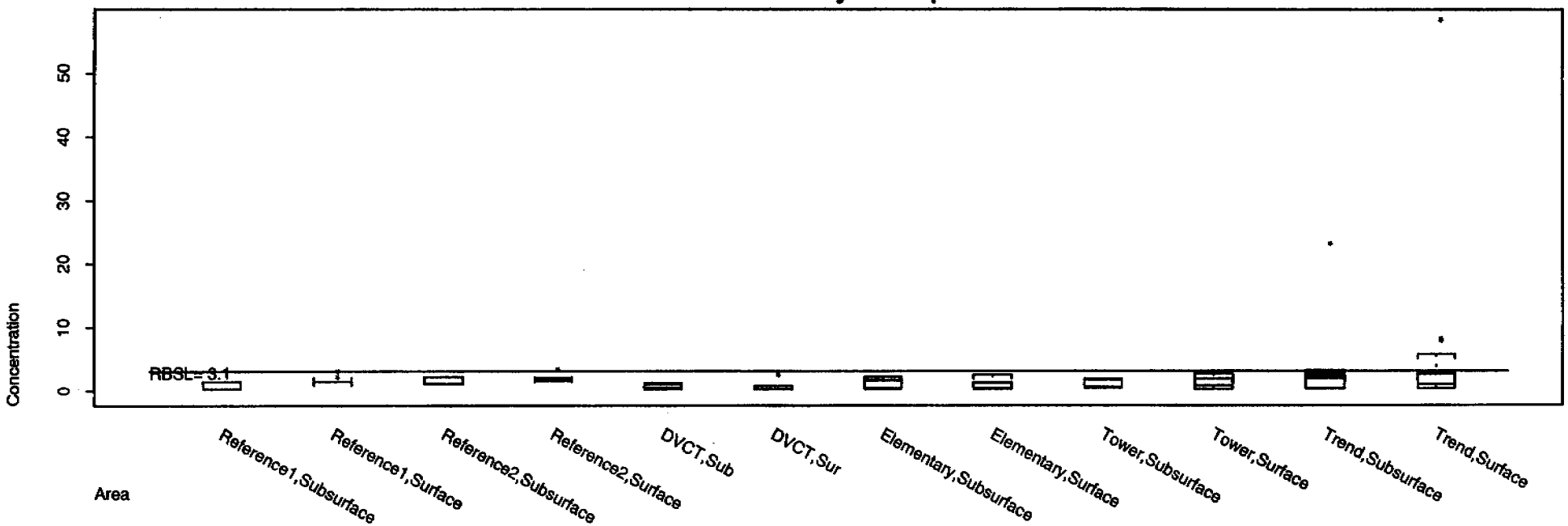
Boxplots, Means Comparisons, and UTL Statistics

Boxplots

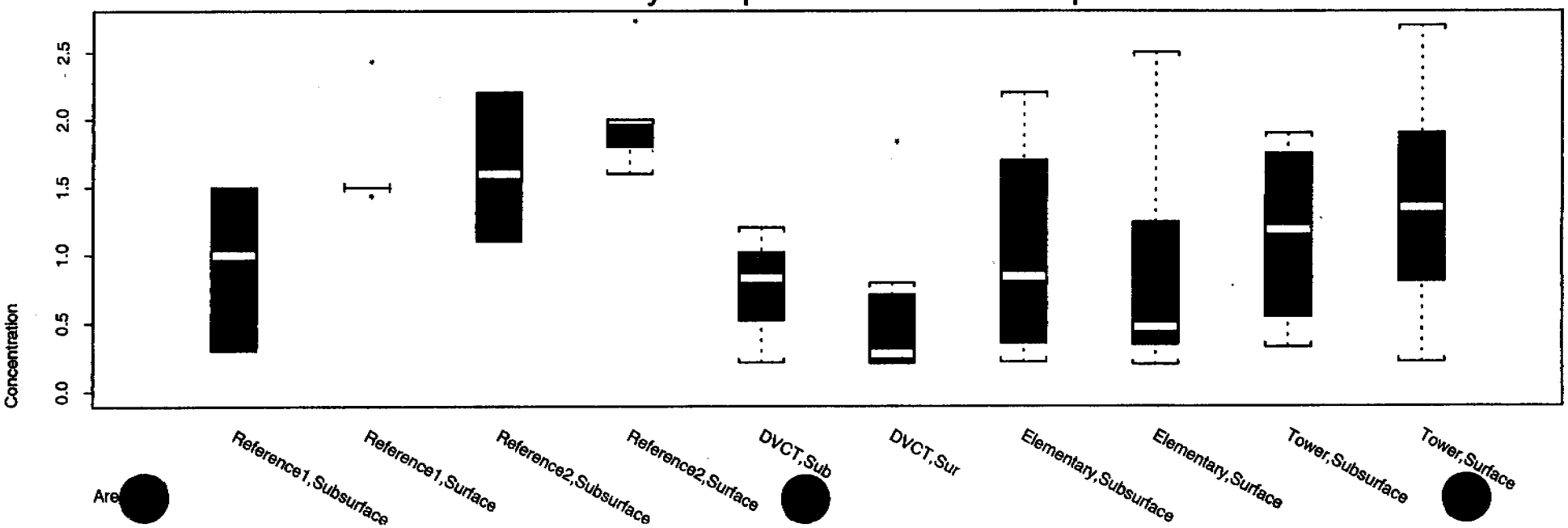

All Aluminum Samples
Concentration
0
20000
40000
60000
80000
120000
RBSL=7800
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Aluminum Samples w/o TREND Samples
Concentration
0
20000
40000
60000
80000
100000
RBSL=7800
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

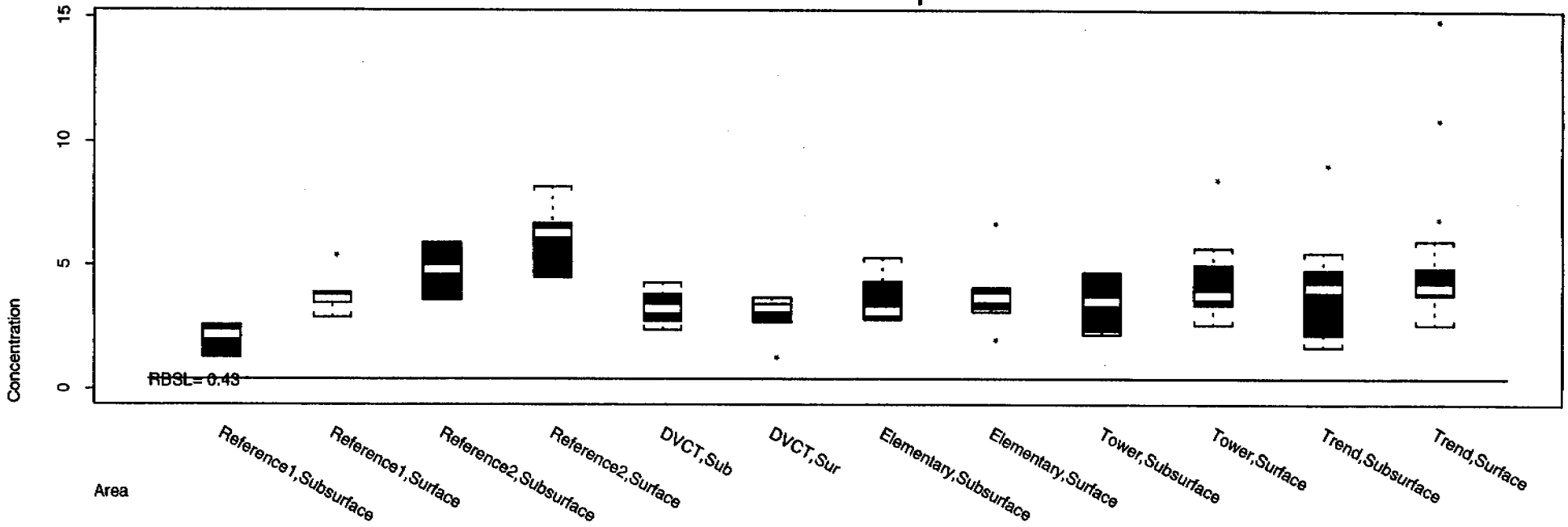
All Antimony Samples



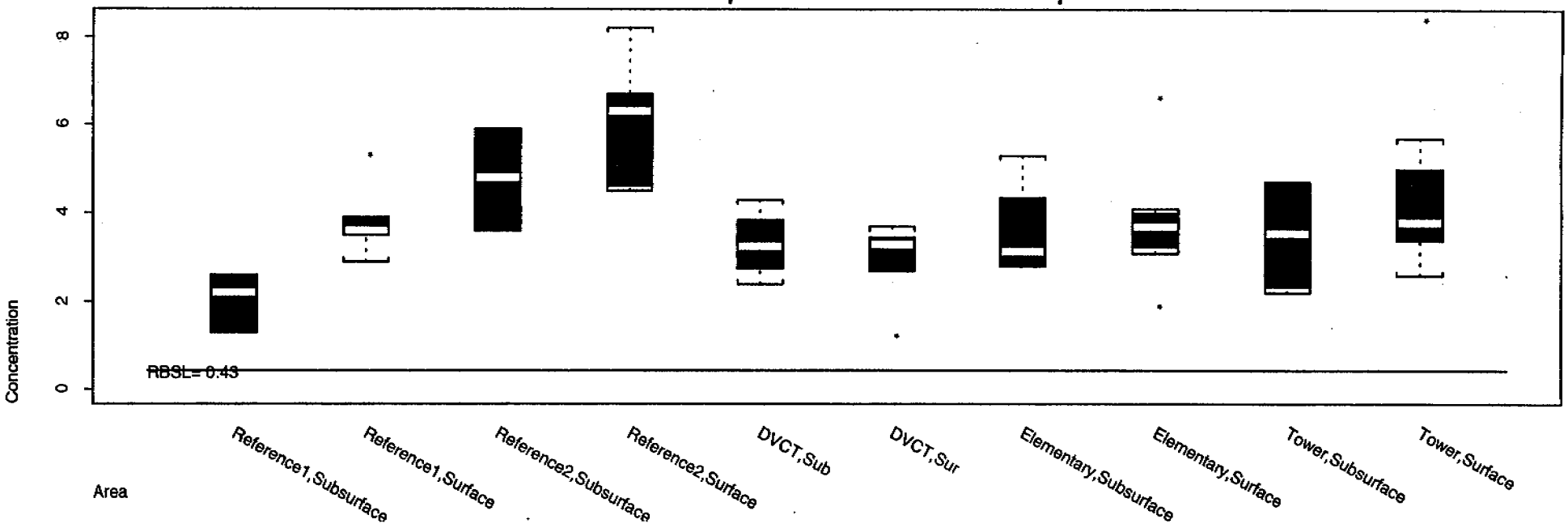
Antimony Samples w/o TREND Samples



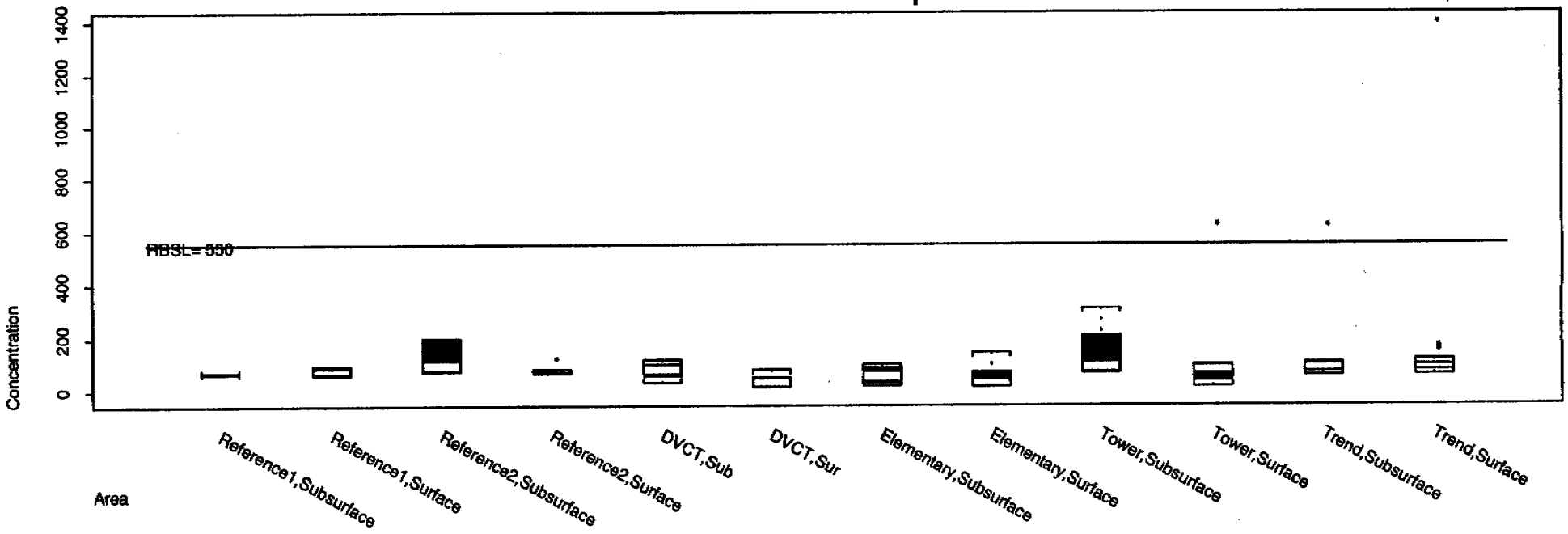
All Arsenic Samples



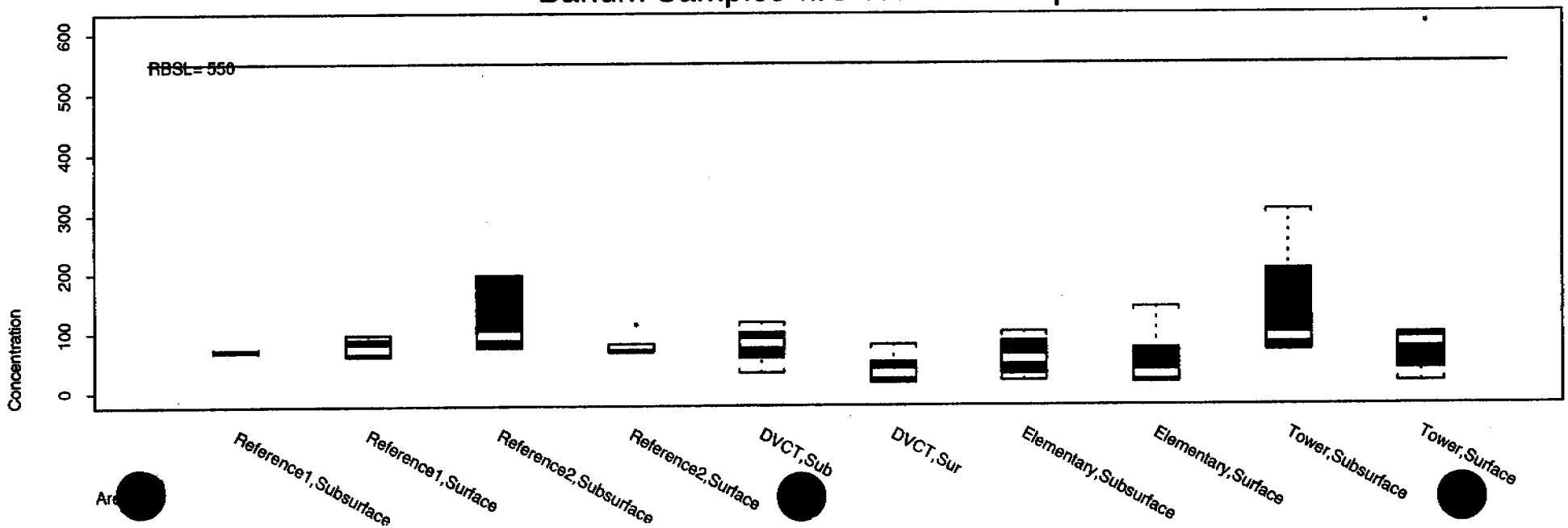
Arsenic Samples w/o TREND Samples

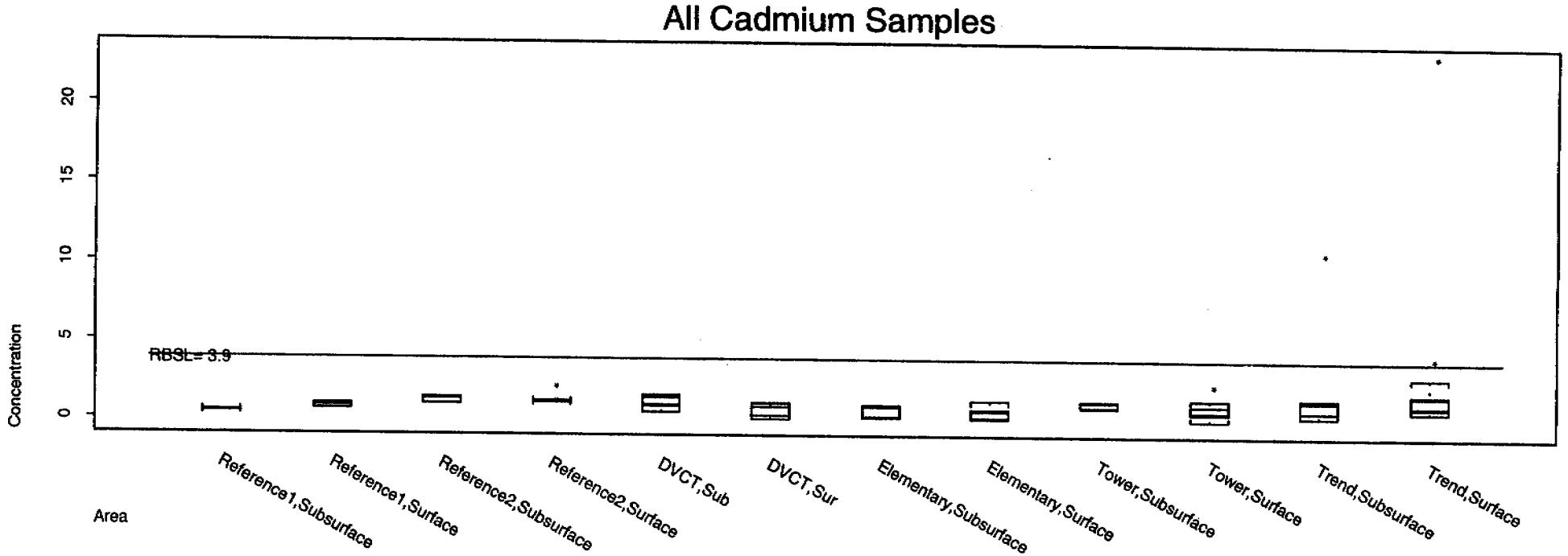


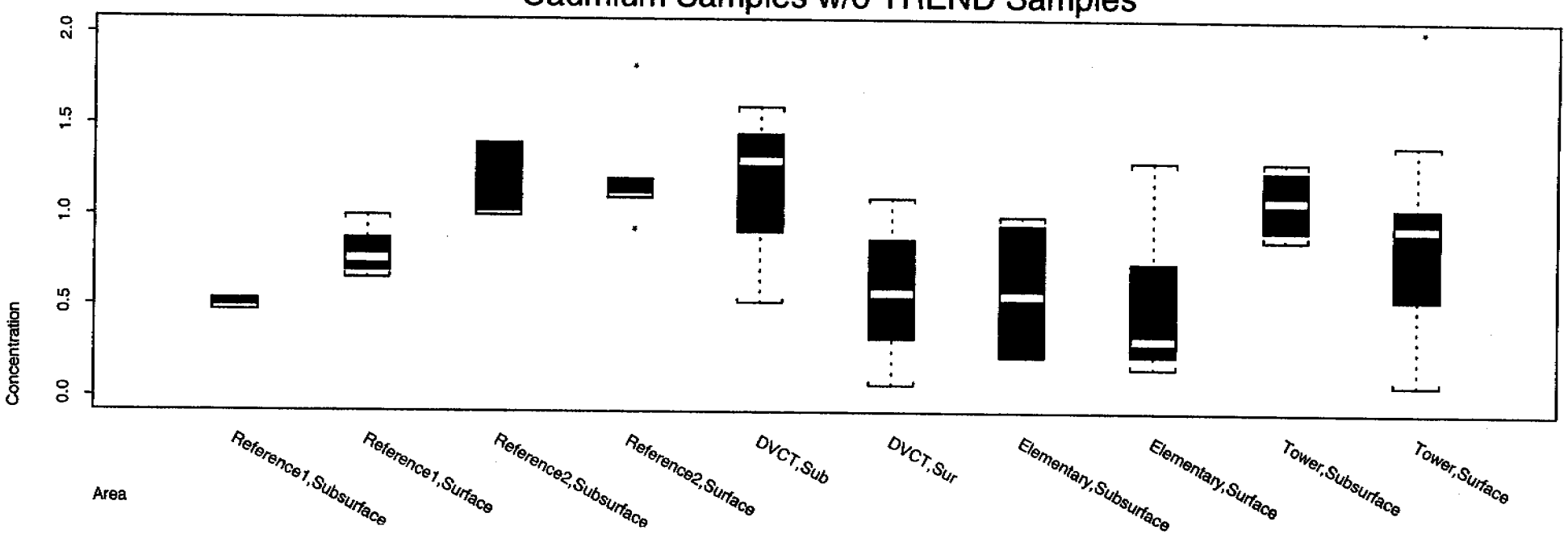
All Barium Samples



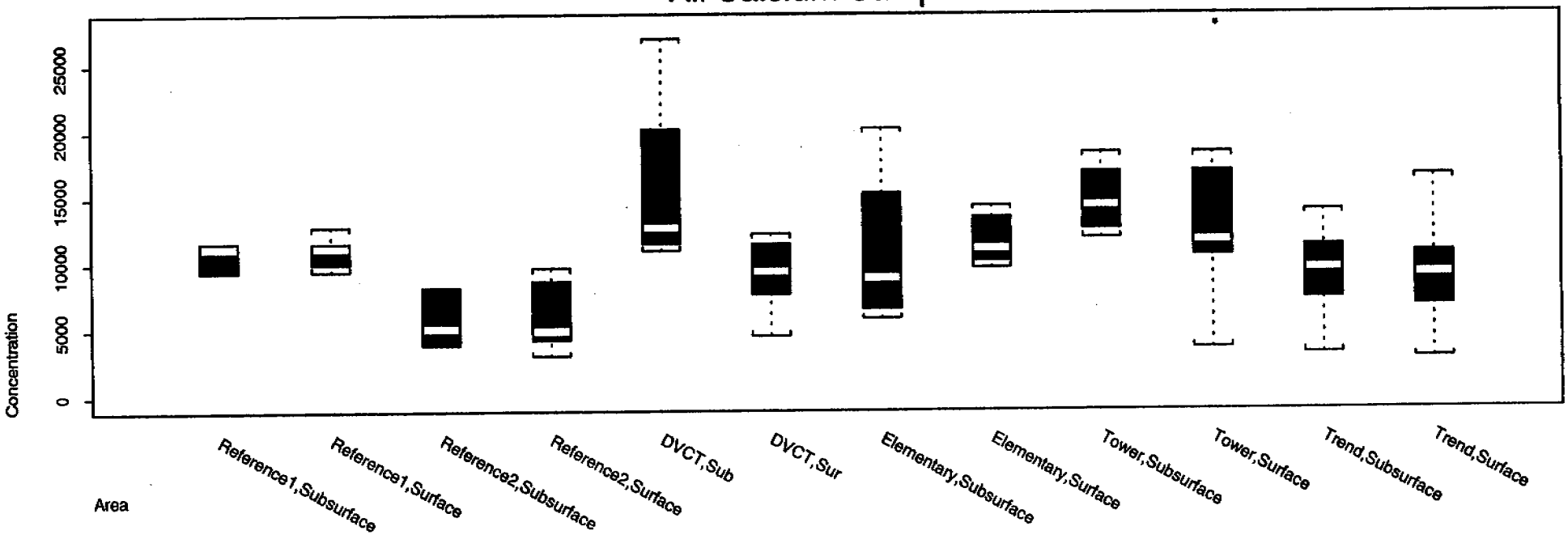
Barium Samples w/o TREND Samples



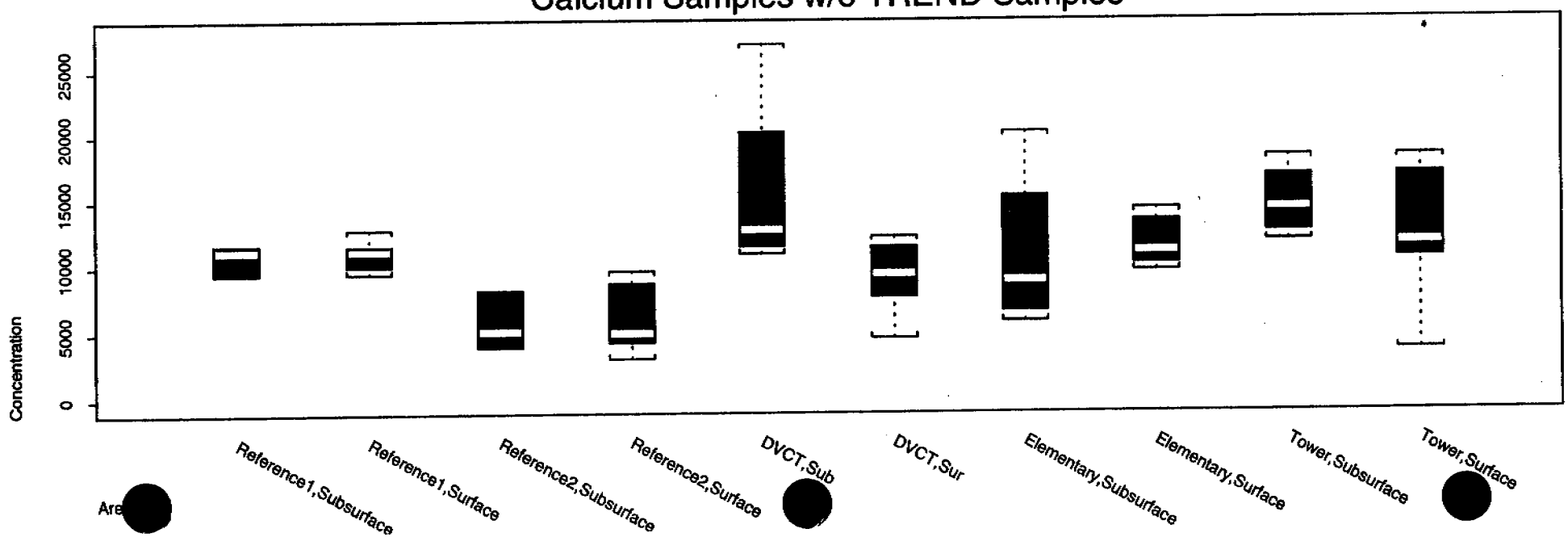

All Cadmium Samples
Concentration
0
5
10
15
20
RBSL= 3.9
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Cadmium Samples w/o TREND Samples
Concentration
0.0
0.5
1.0
1.5
2.0
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

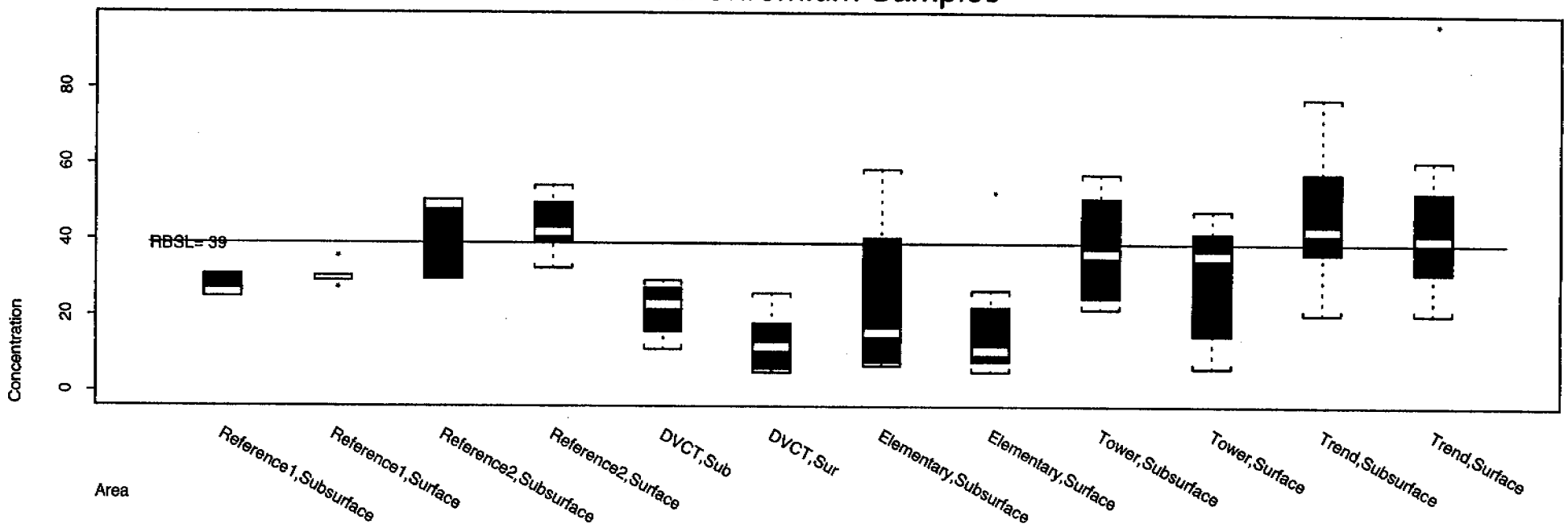
All Calcium Samples



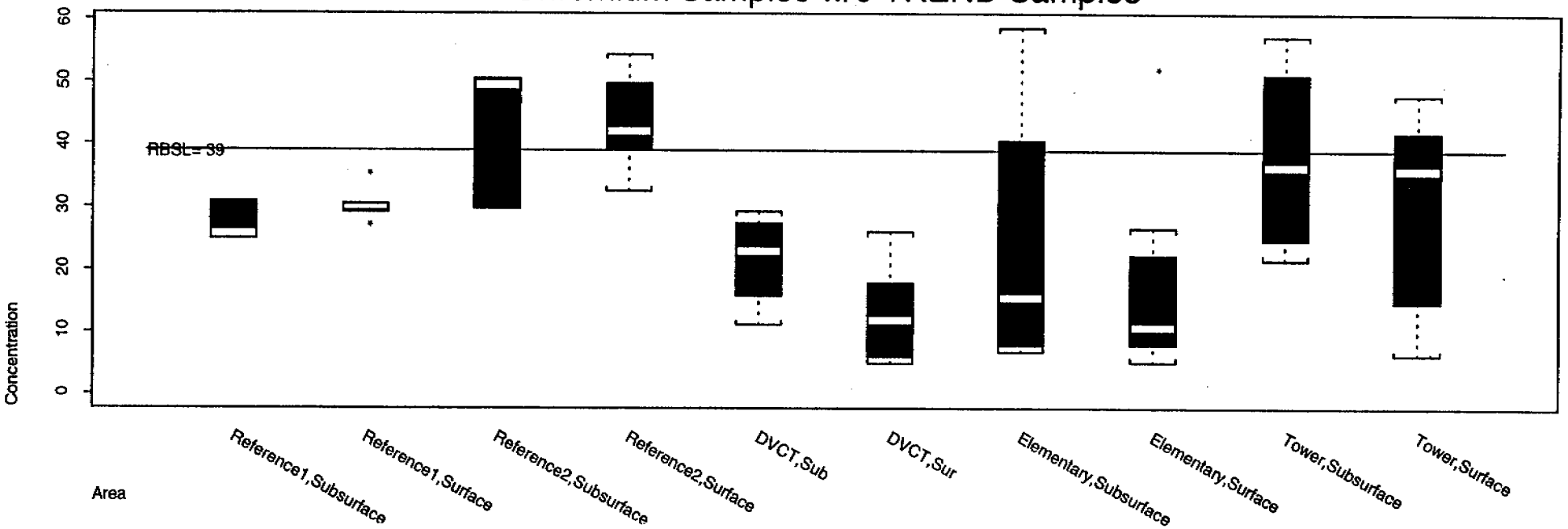
Calcium Samples w/o TREND Samples



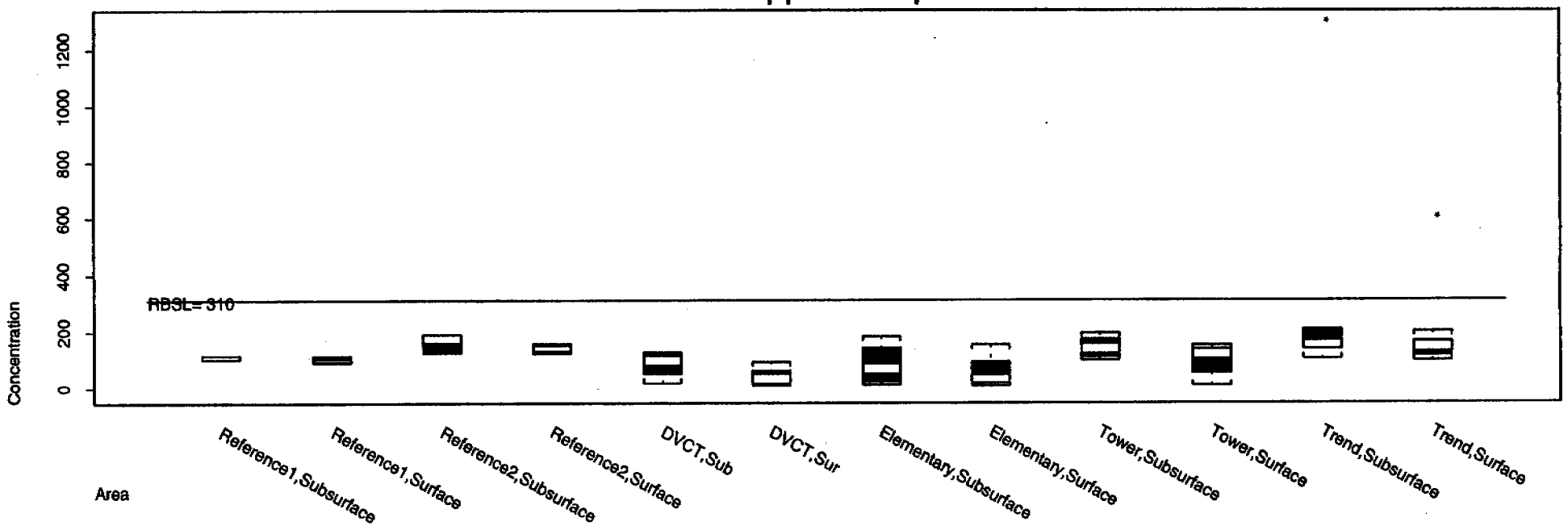
All Chromium Samples



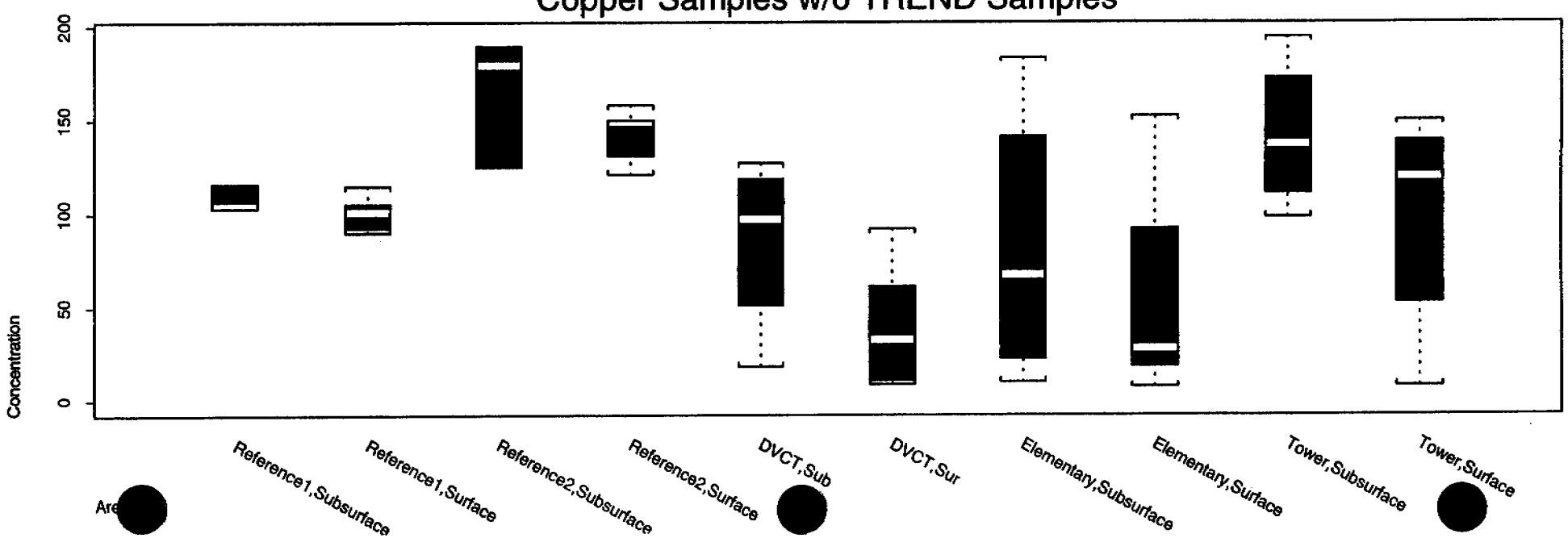
Chromium Samples w/o TREND Samples

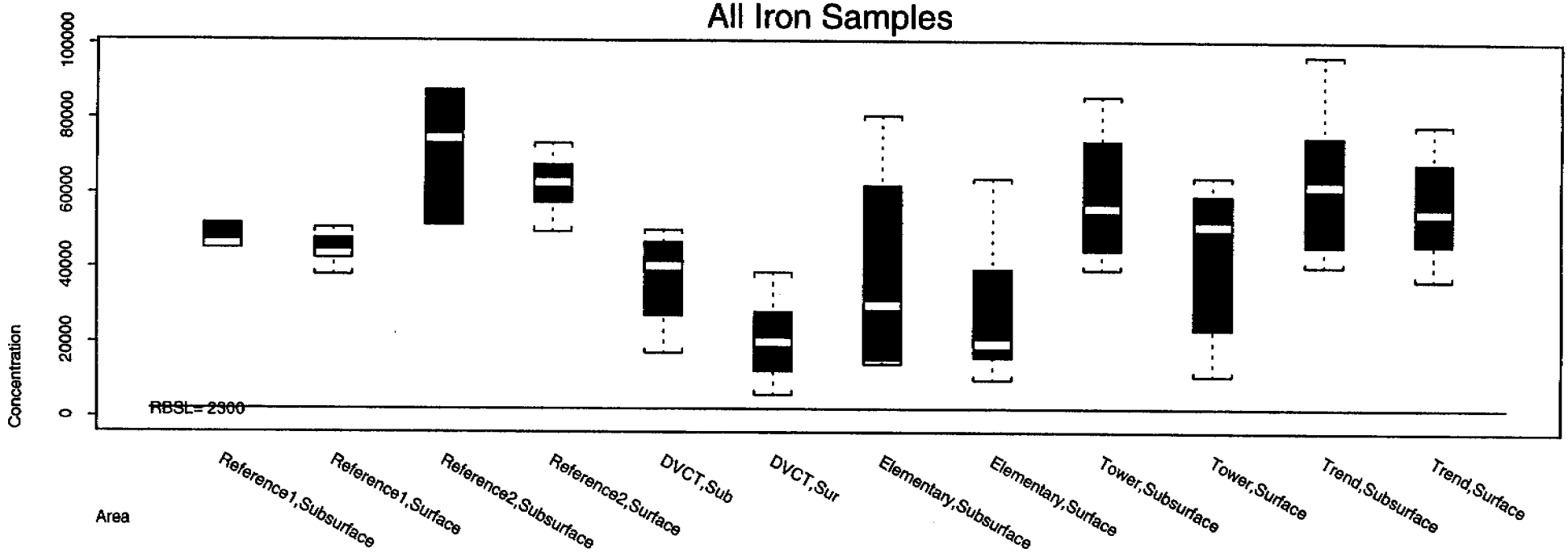


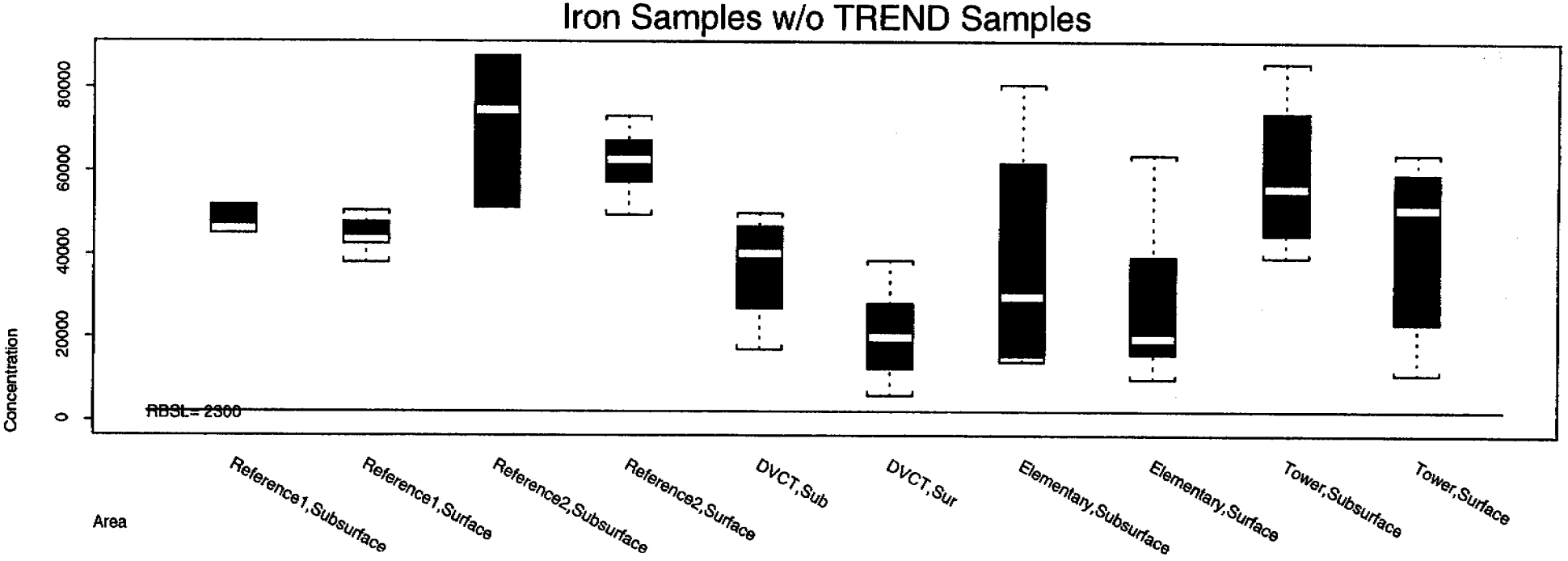
All Copper Samples



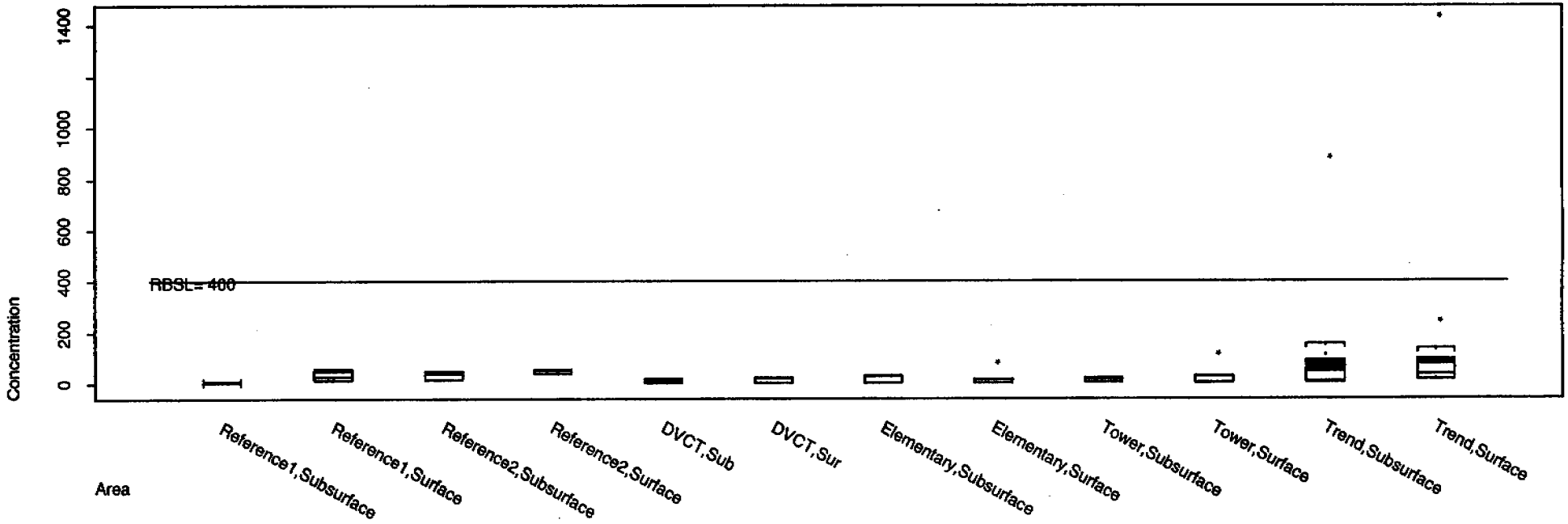
Copper Samples w/o TREND Samples



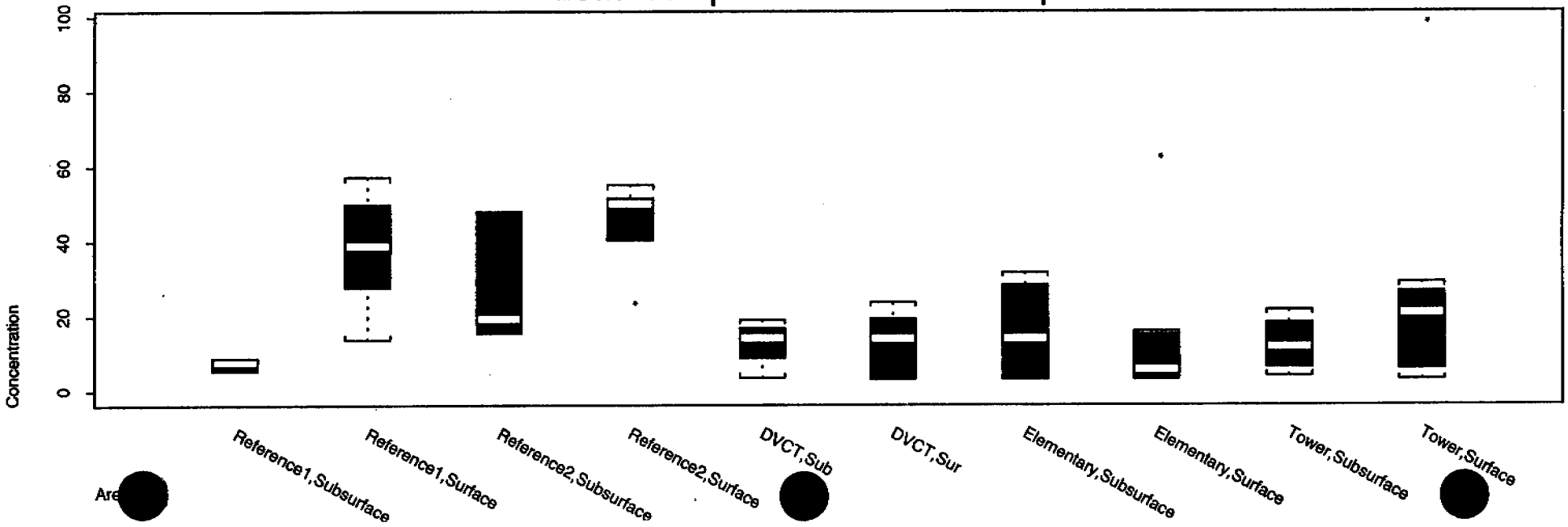

All Iron Samples
Concentration
0
20000
40000
60000
80000
100000
RBSL= 2300
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

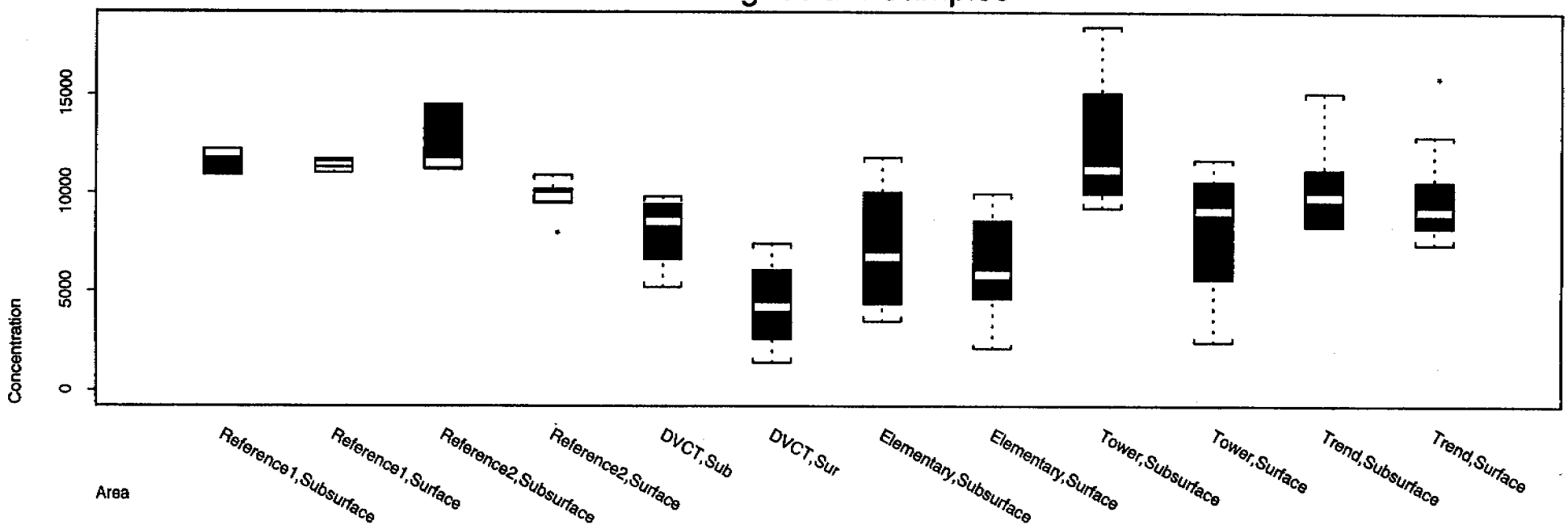

Iron Samples w/o TREND Samples
Concentration
0
20000
40000
60000
80000
RBSL= 2300
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

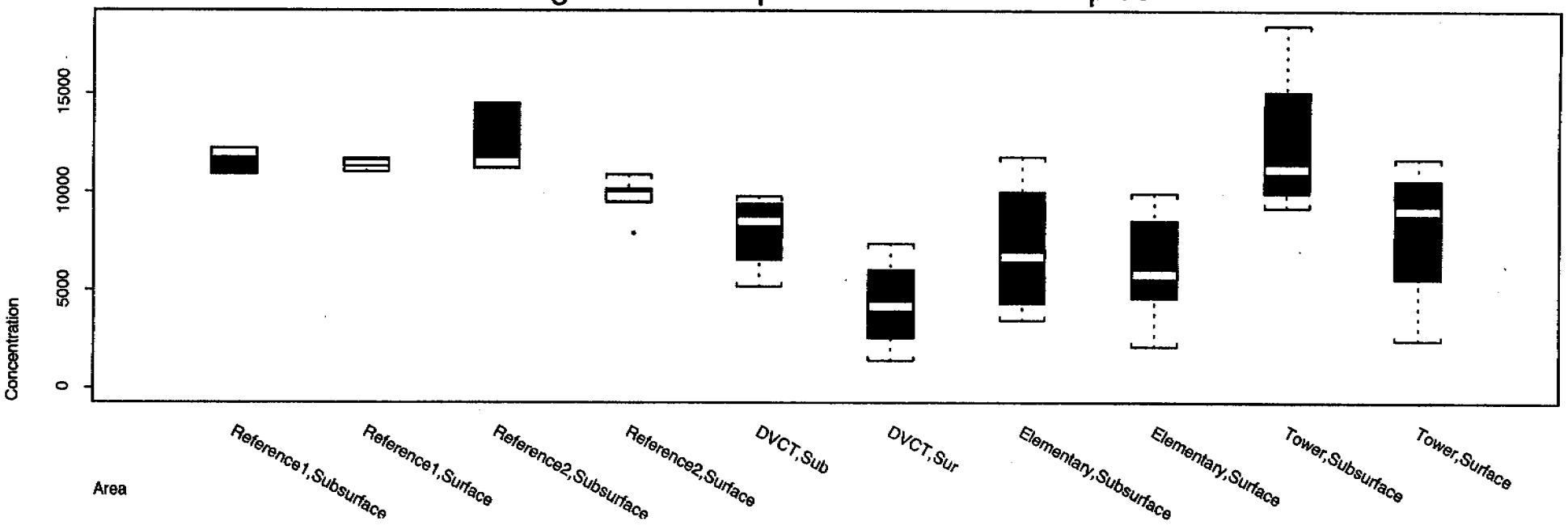
All Lead Samples

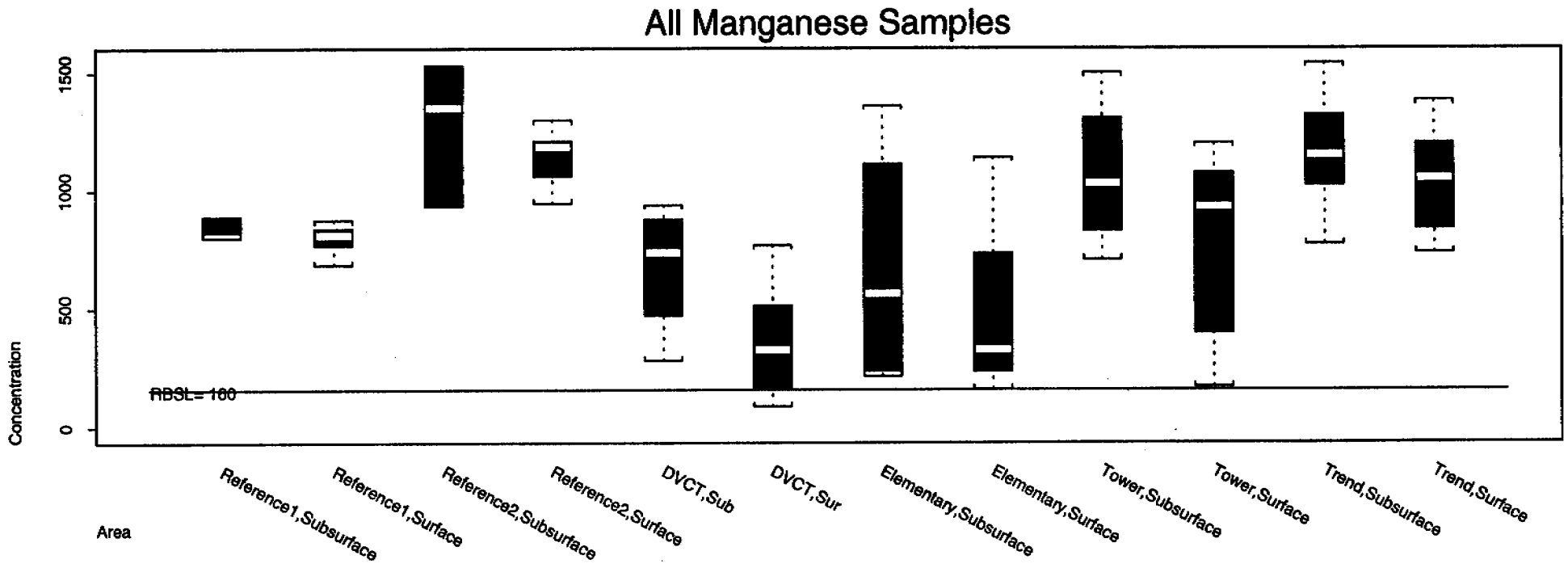


Lead Samples w/o TREND Samples




All Magnesium Samples
Concentration
0
5000
10000
15000
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Magnesium Samples w/o TREND Samples
Concentration
0
5000
10000
15000
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface


All Manganese Samples
Concentration
0
500
1000
1500
RBSL= 100
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
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Elementary,Surface
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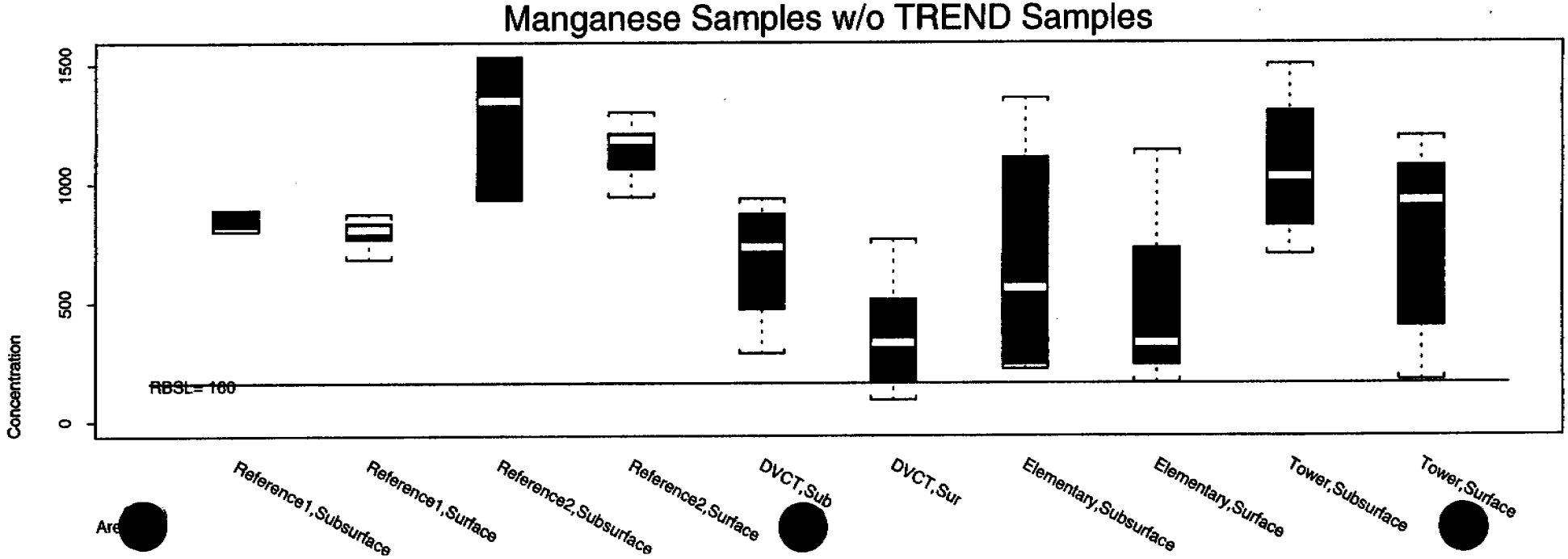
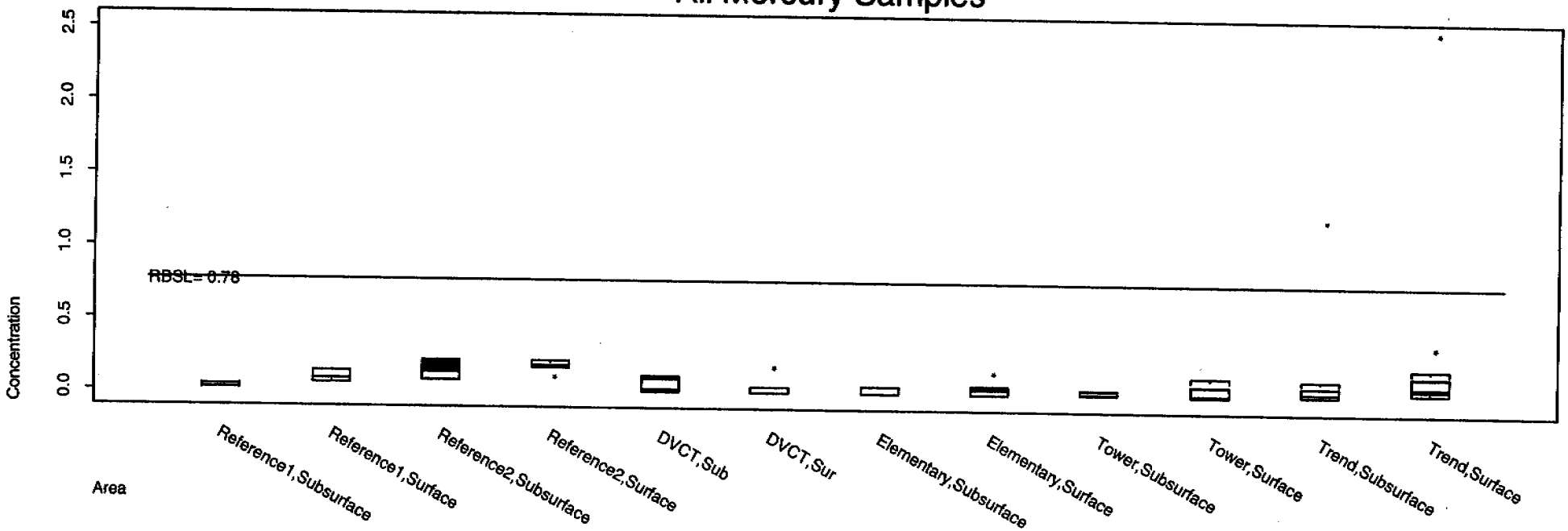
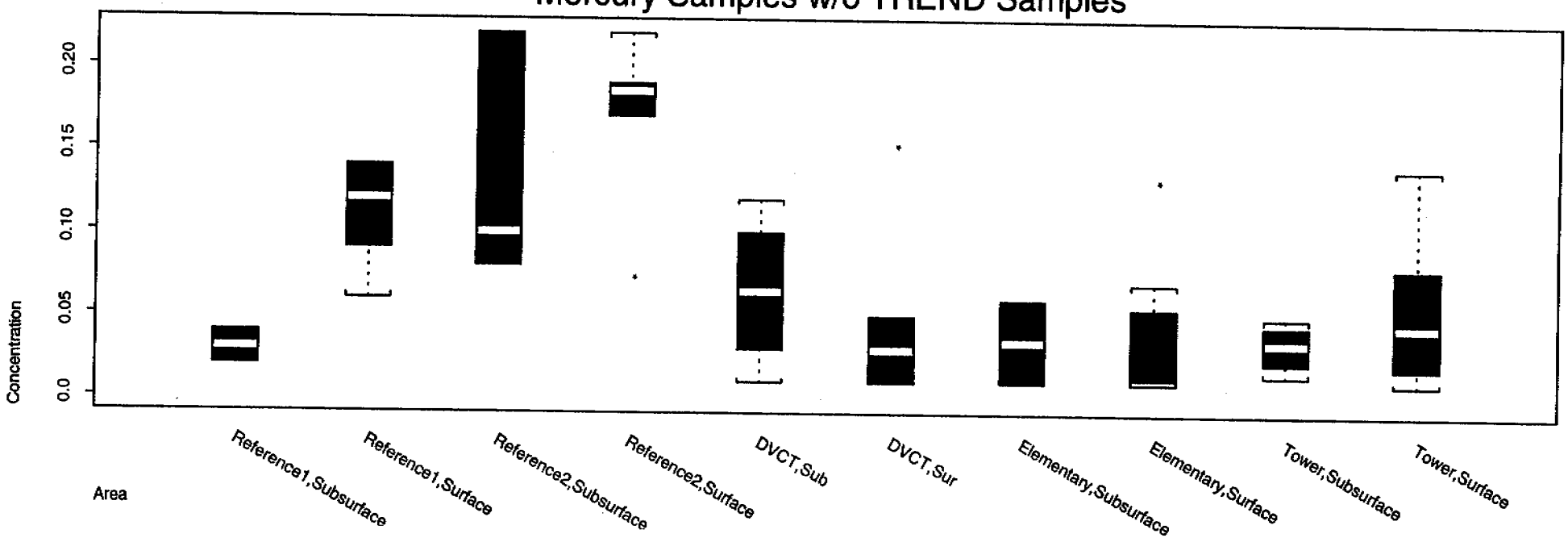
Tower,Surface
Trend,Subsurface
Trend,Surface
Area


Manganese Samples w/o TREND Samples
Concentration
0
500
1000
1500
RBSL= 100
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

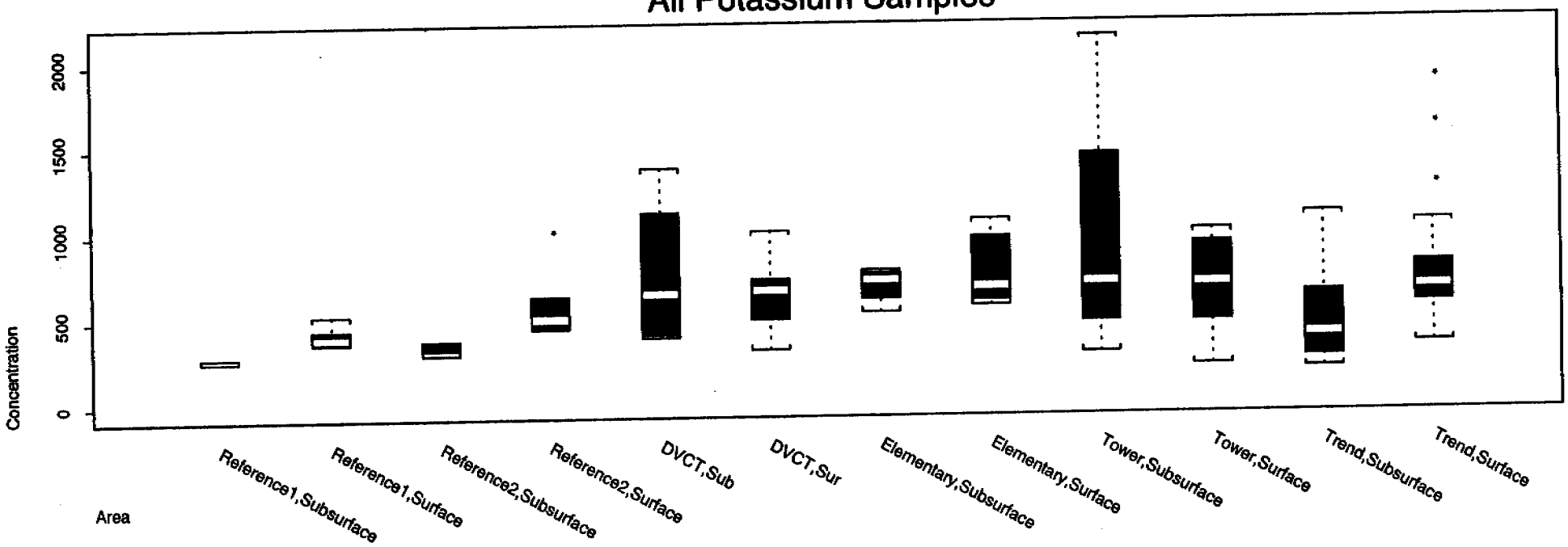
All Mercury Samples



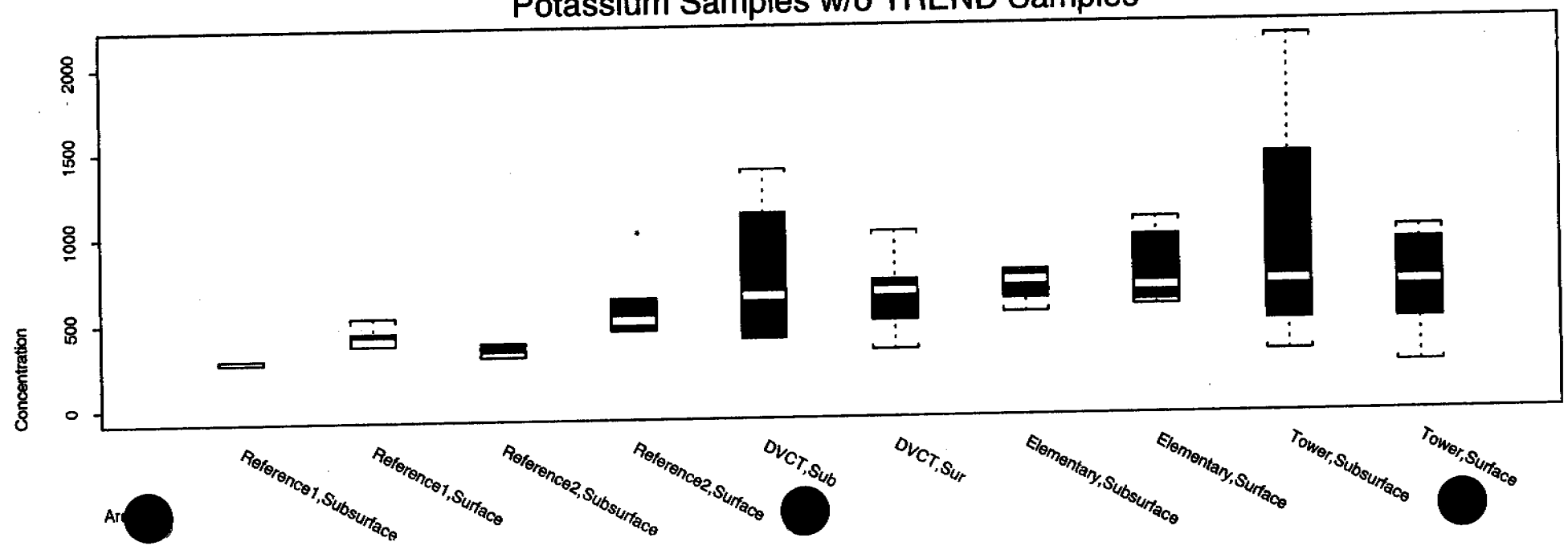
Mercury Samples w/o TREND Samples

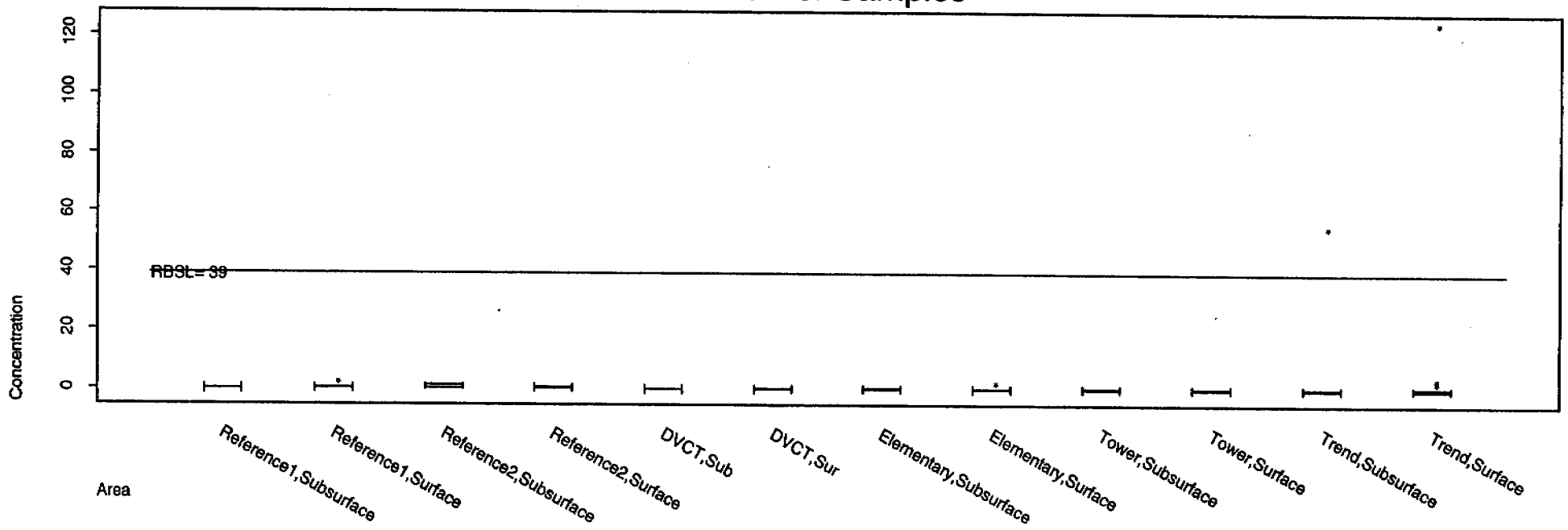


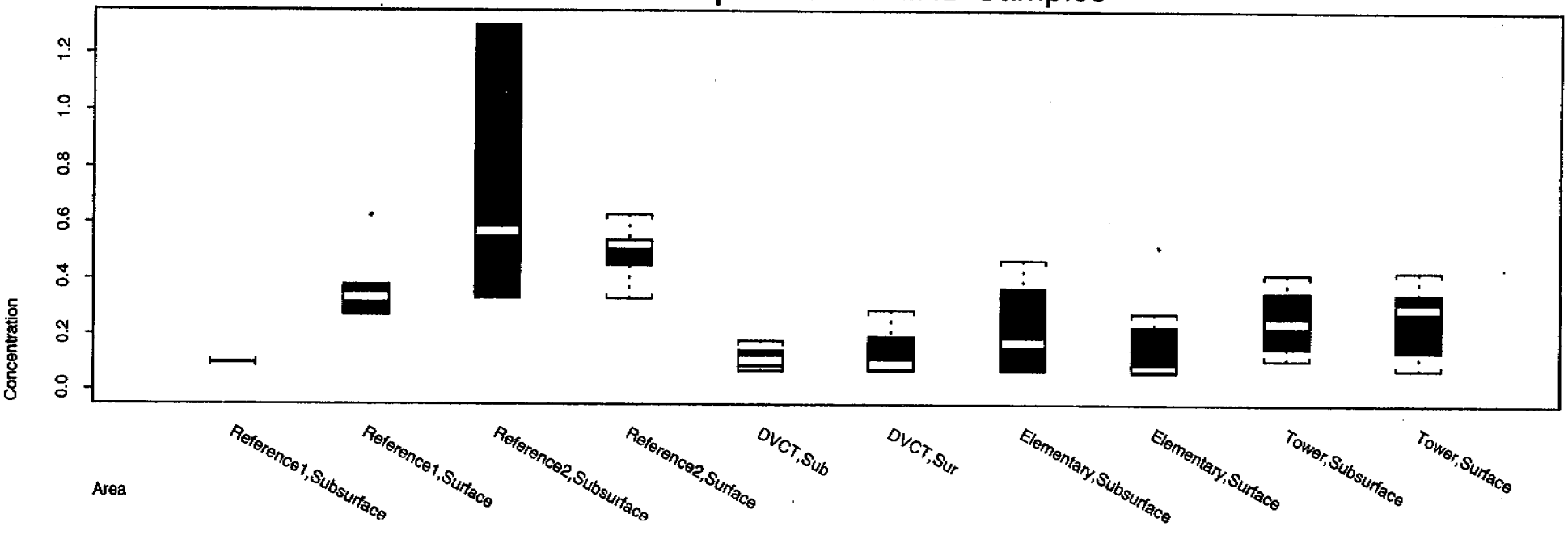
All Potassium Samples

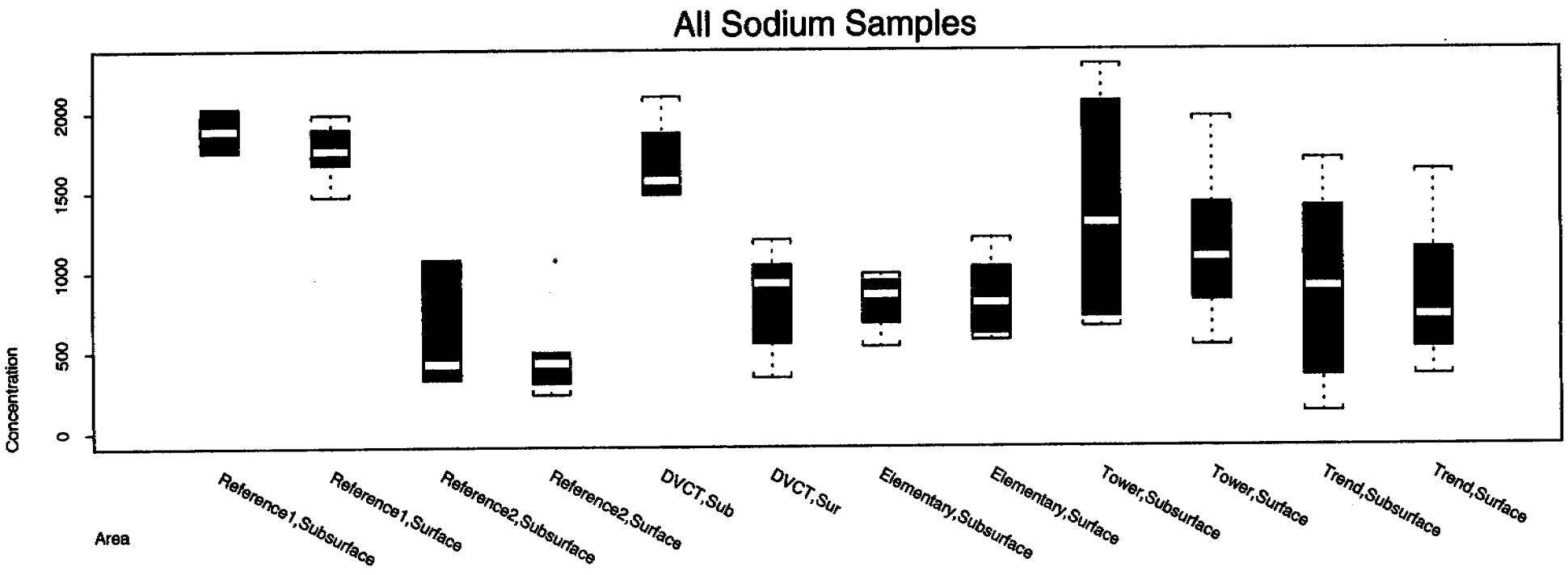


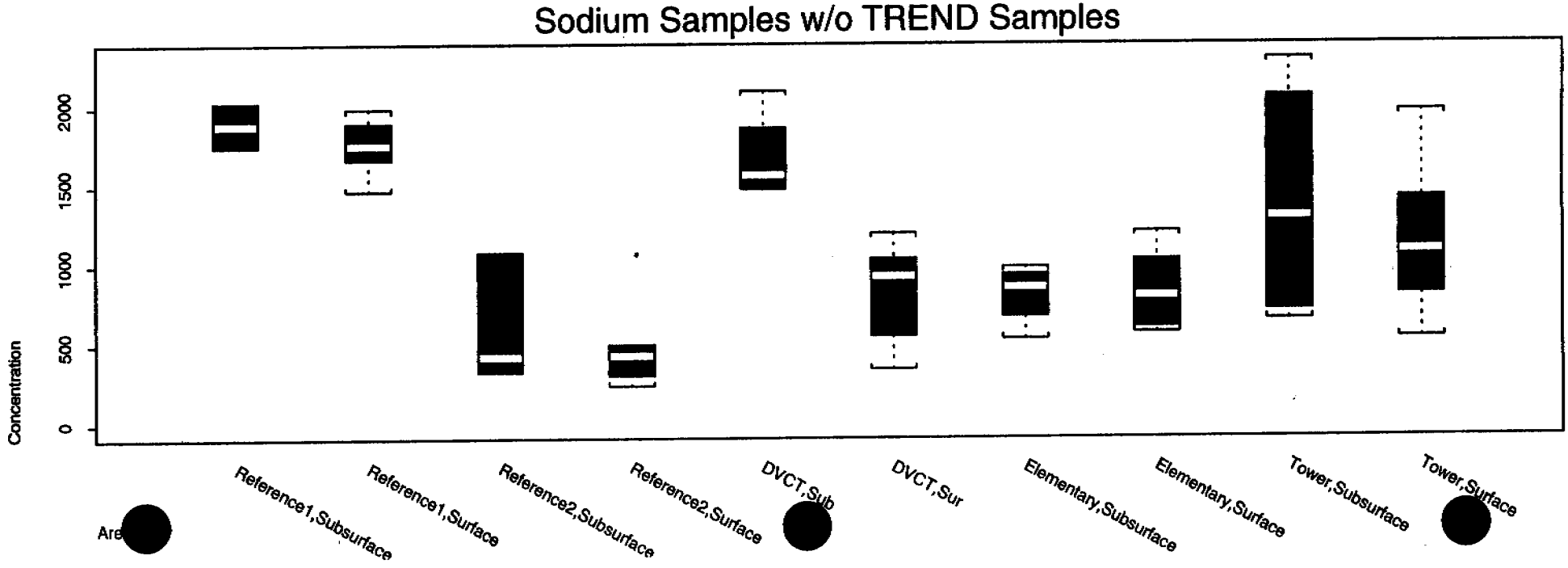
Potassium Samples w/o TREND Samples



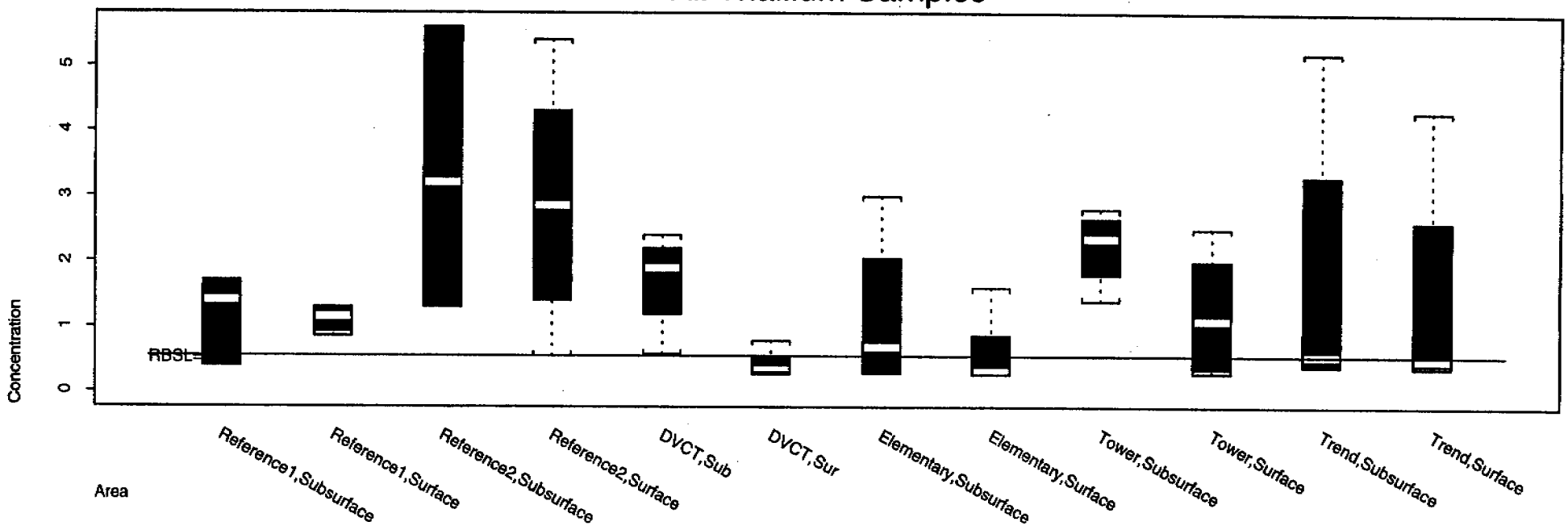

All Silver Samples
Concentration
0
20
40
60
80
100
120
RBSL= 39
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Silver Samples w/o TREND Samples
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

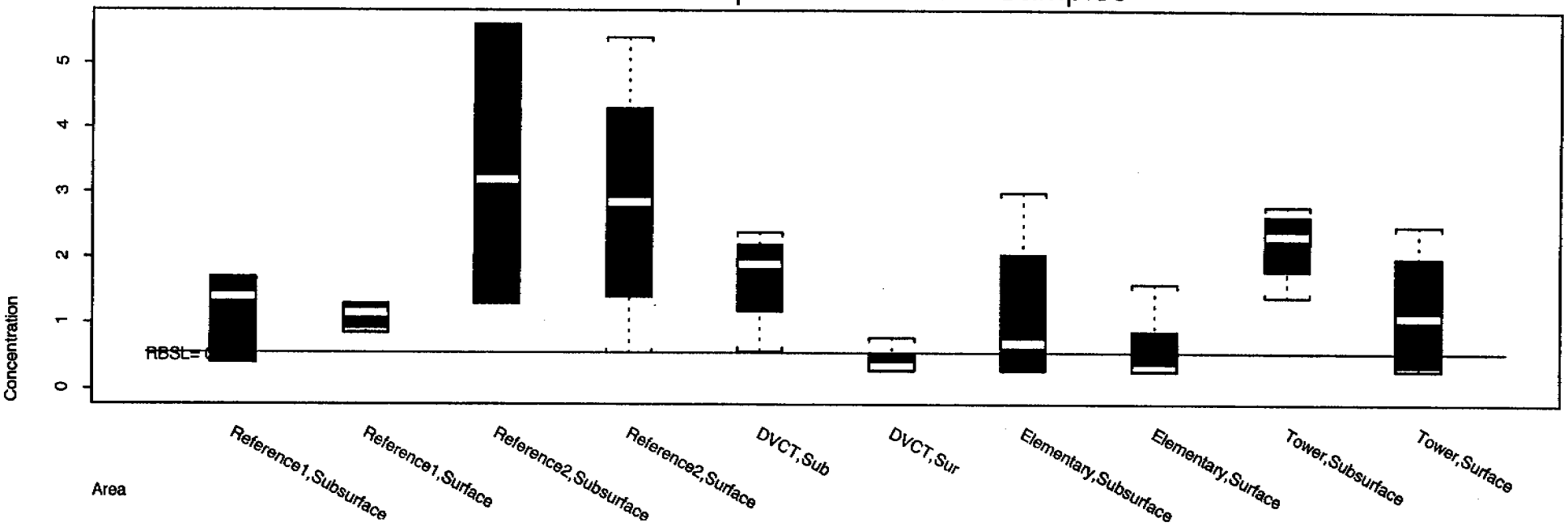

All Sodium Samples
Concentration
0
500
1000
1500
2000
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

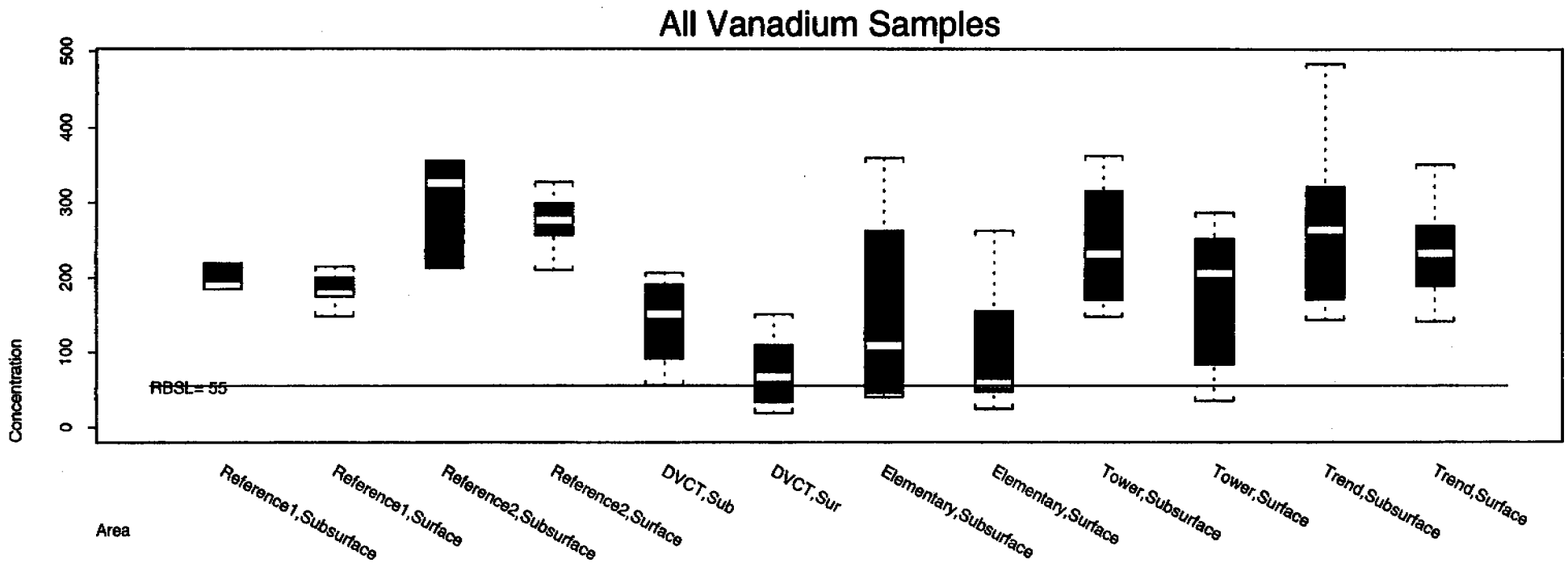

Sodium Samples w/o TREND Samples
Concentration
0
500
1000
1500
2000
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

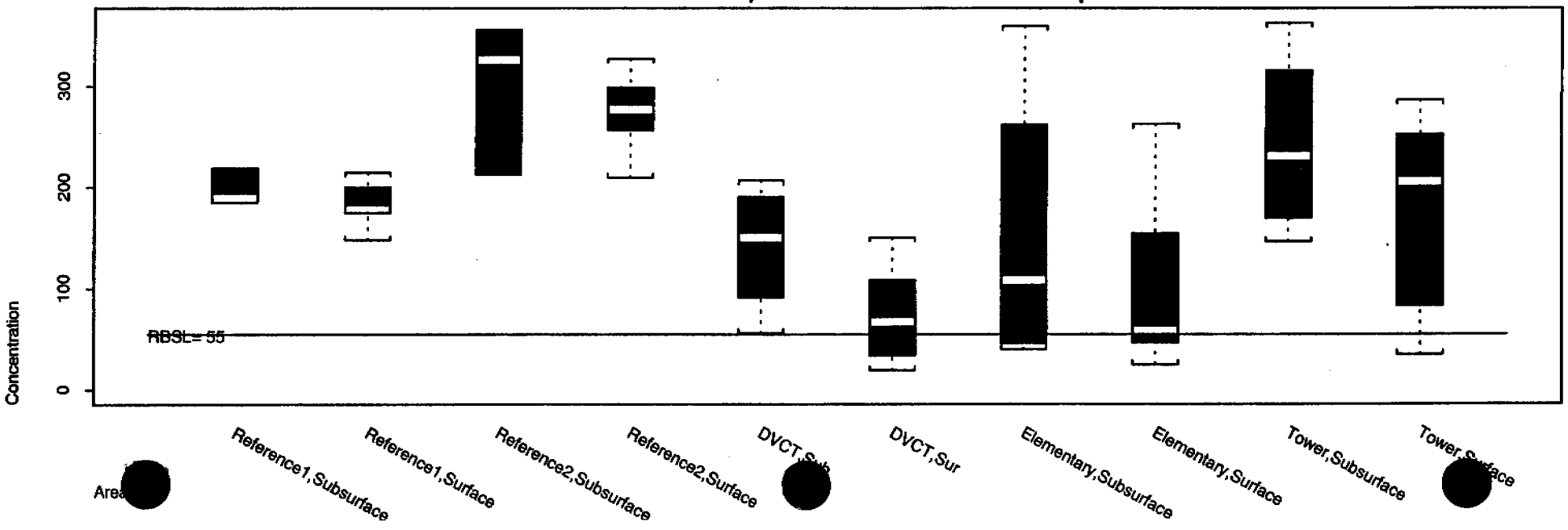
All Thallium Samples



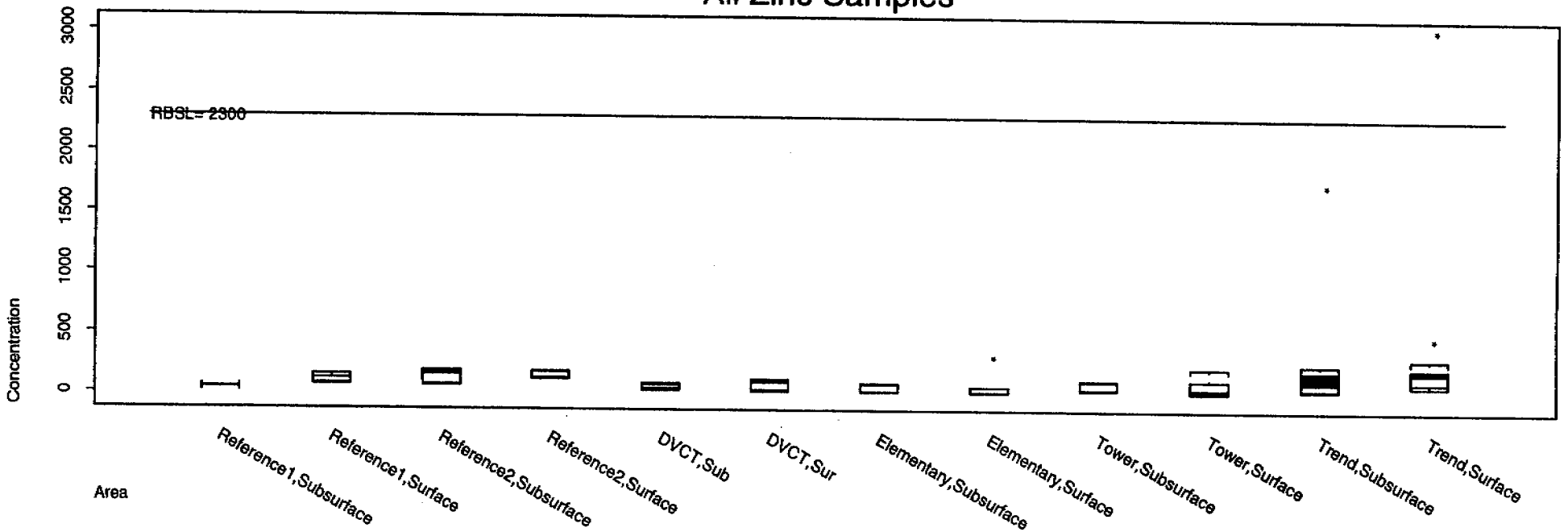
Thallium Samples w/o TREND Samples



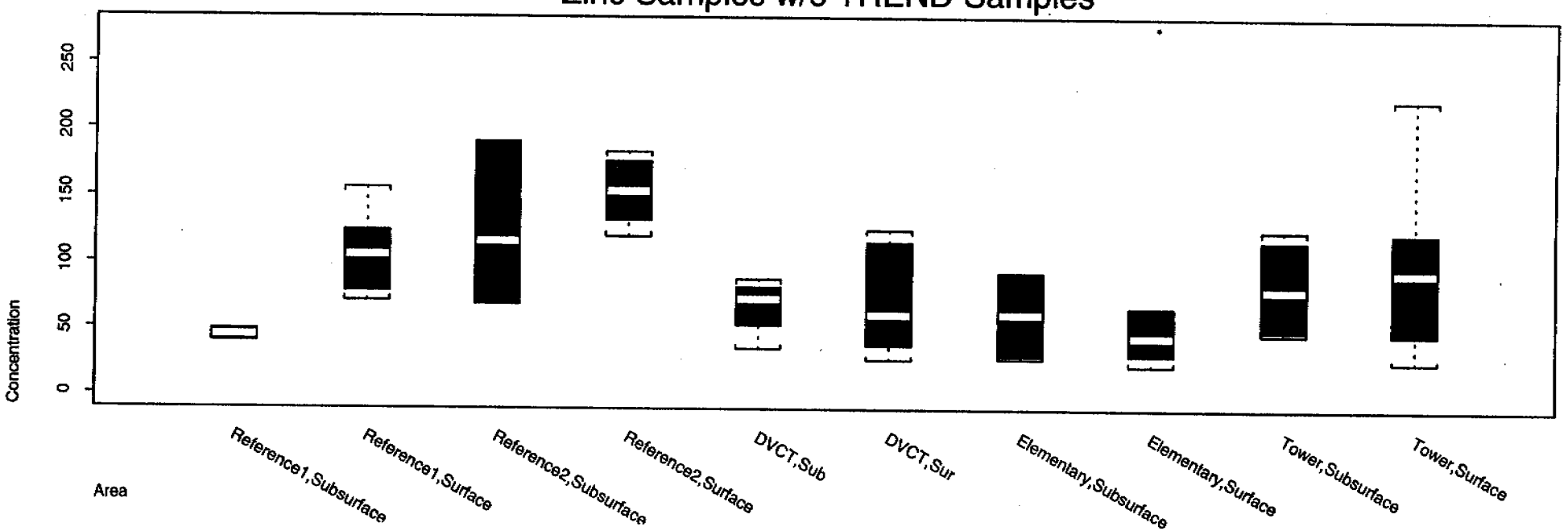

All Vanadium Samples
Concentration
0
100
200
300
400
500
RBSL= 55
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

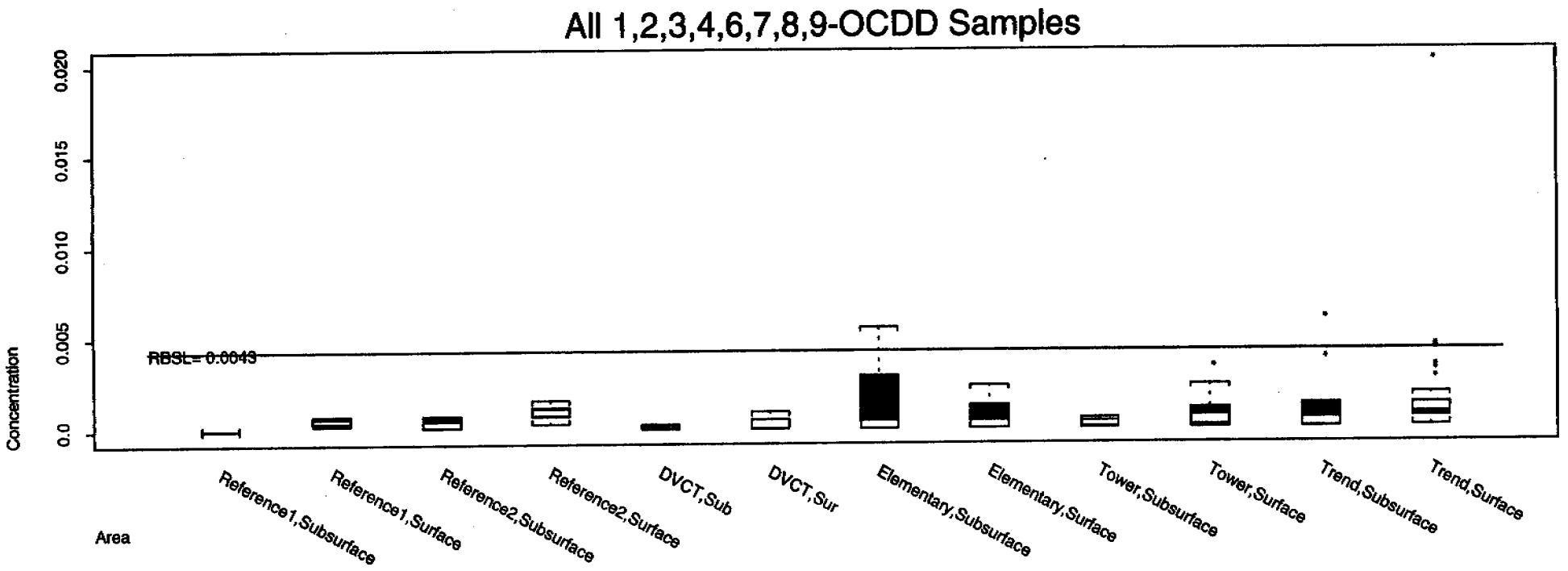

Vanadium Samples w/o TREND Samples
Concentration
0
100
200
300
RBSL= 55
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface

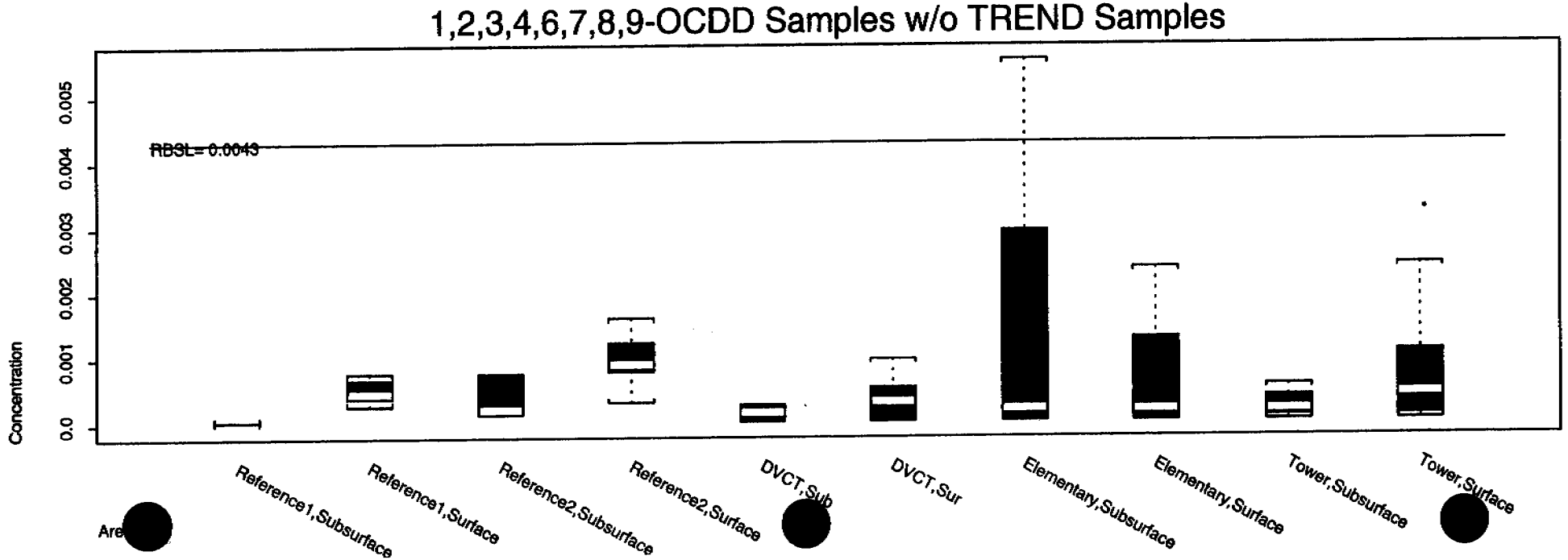
All Zinc Samples



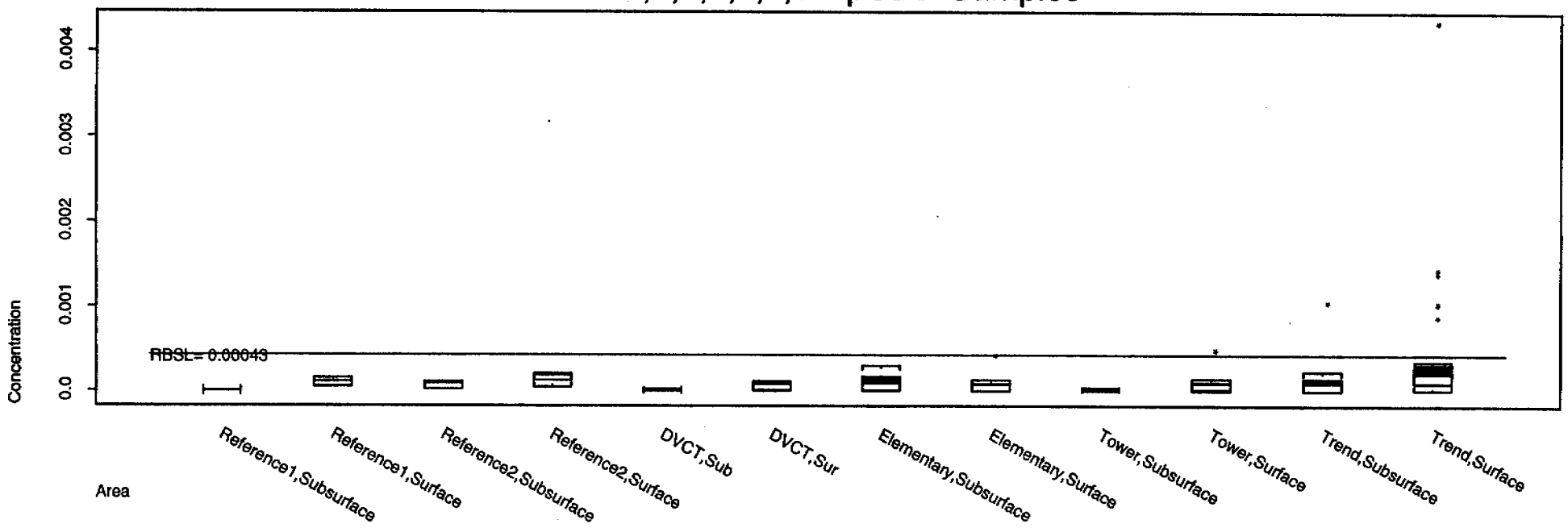
Zinc Samples w/o TREND Samples



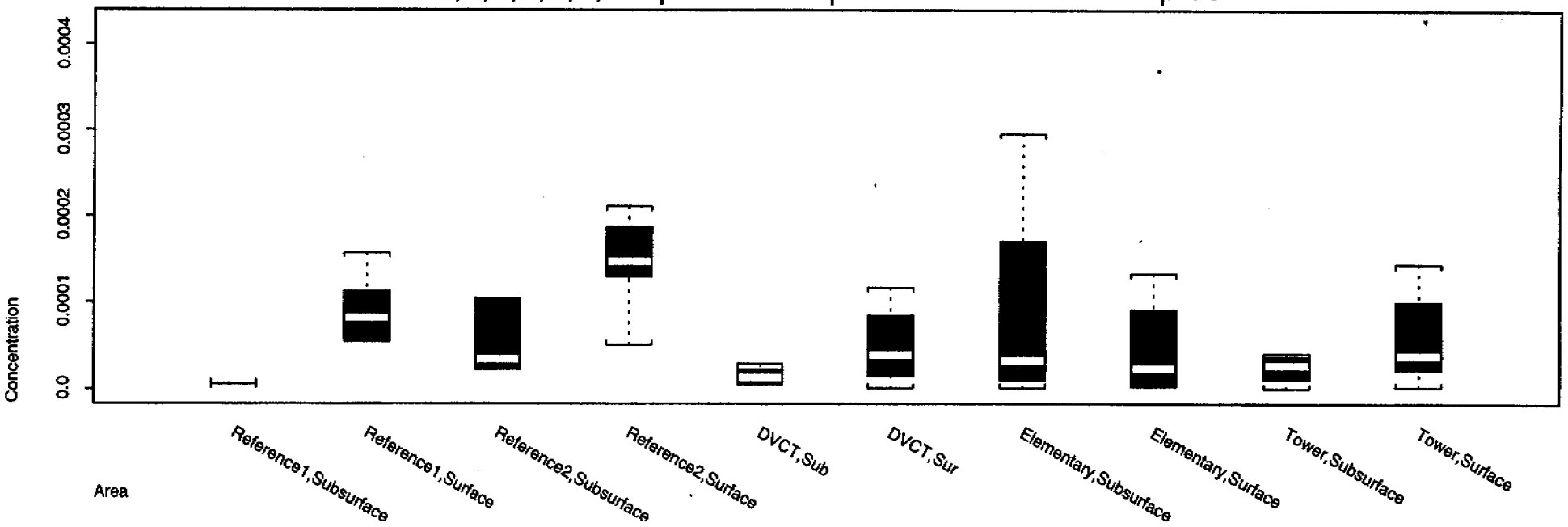

All 1,2,3,4,6,7,8,9-OCDD Samples
Concentration
0.0
0.005
0.010
0.015
0.020
RBSL= 0.0043
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

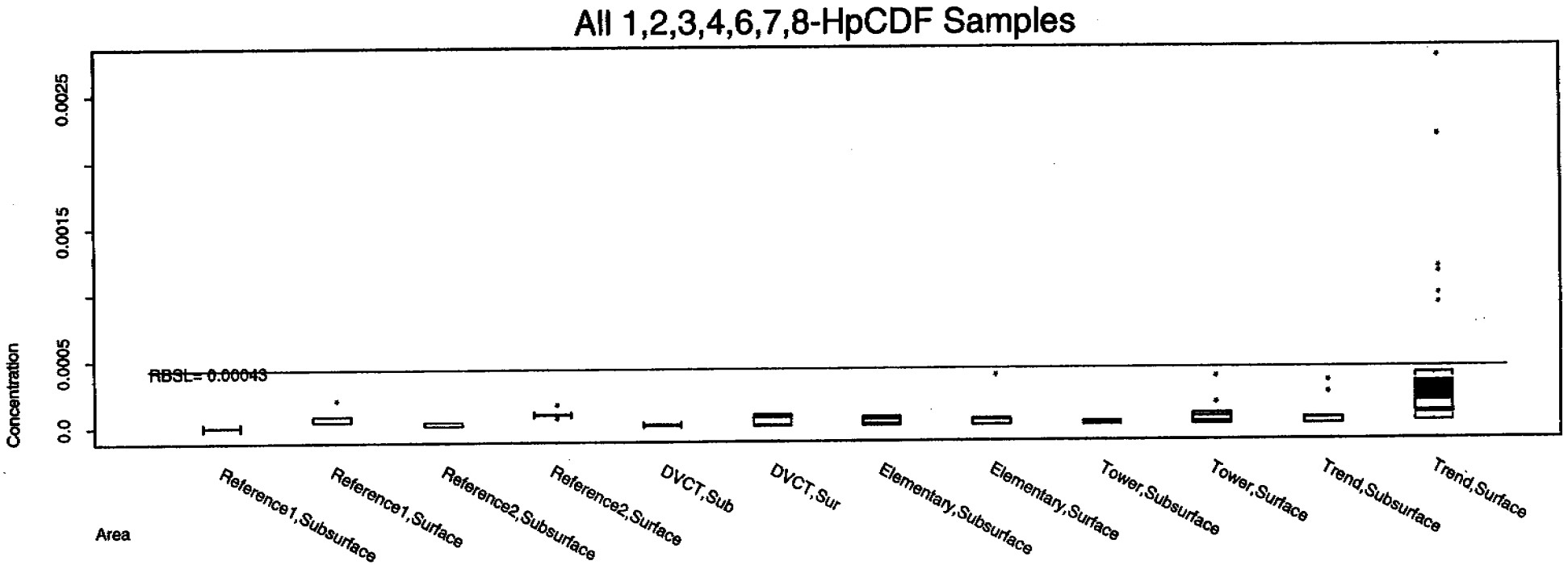

1,2,3,4,6,7,8,9-OCDD Samples w/o TREND Samples
Concentration
0.0
0.001
0.002
0.003
0.004
0.005
RBSL= 0.0043
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

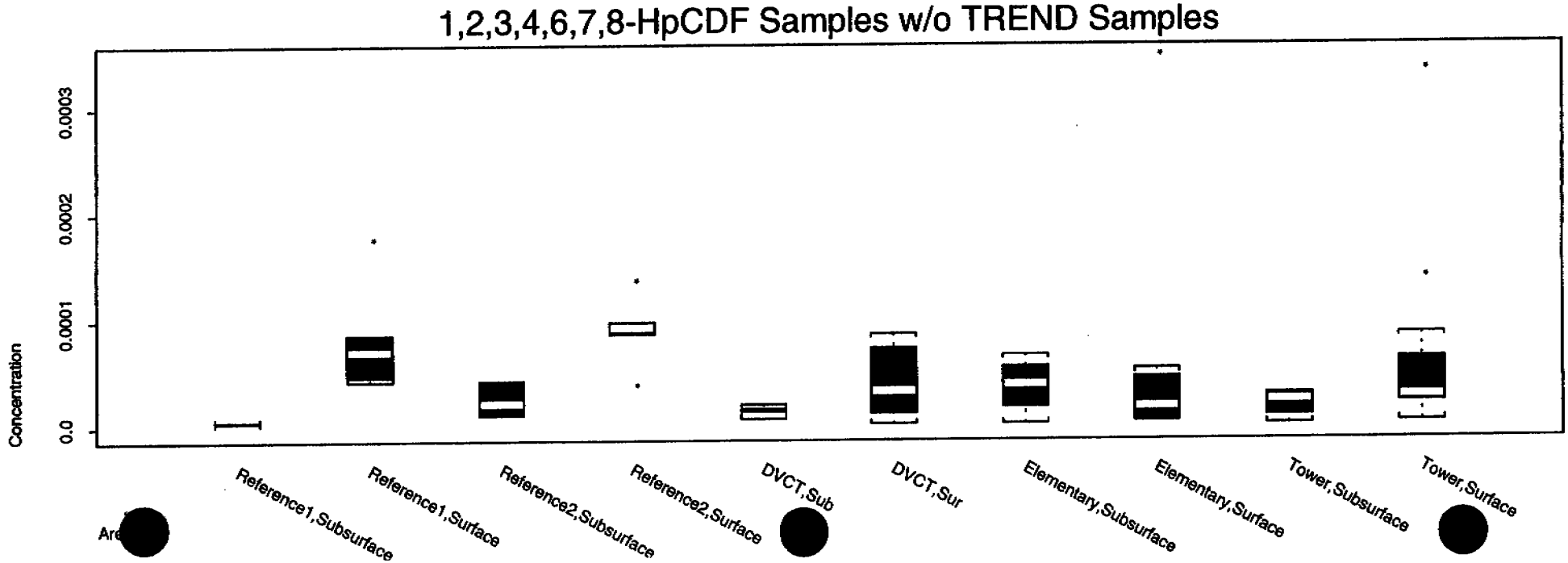
All 1,2,3,4,6,7,8-HpCDD Samples



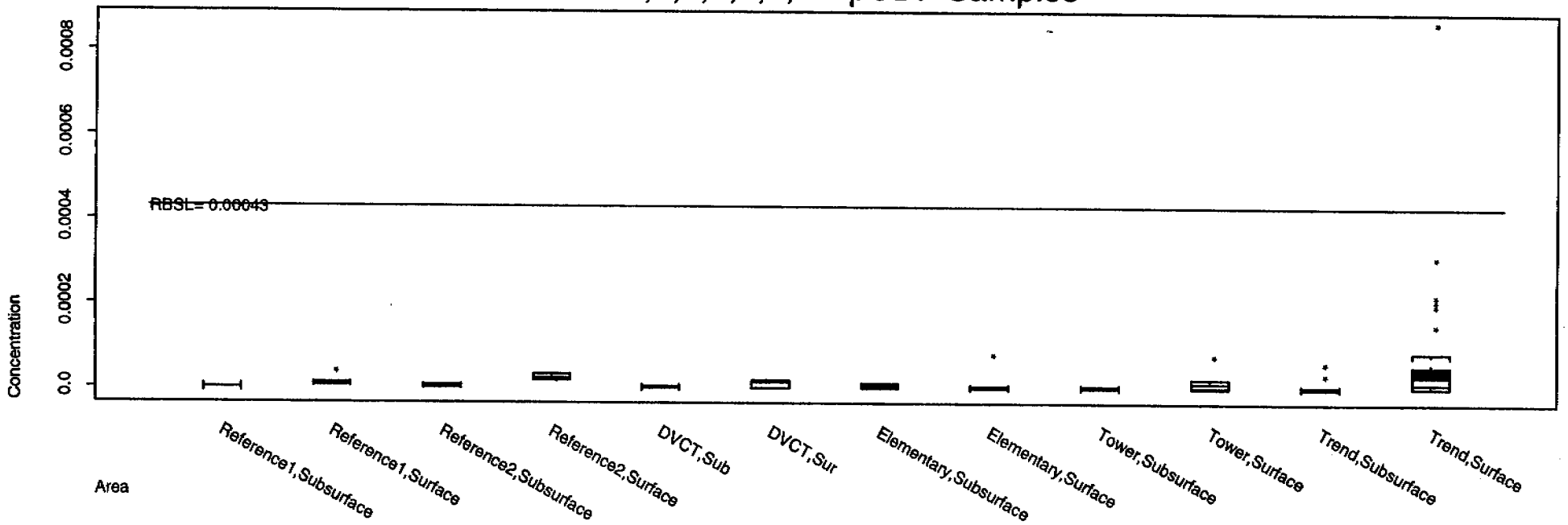
1,2,3,4,6,7,8-HpCDD Samples w/o TREND Samples



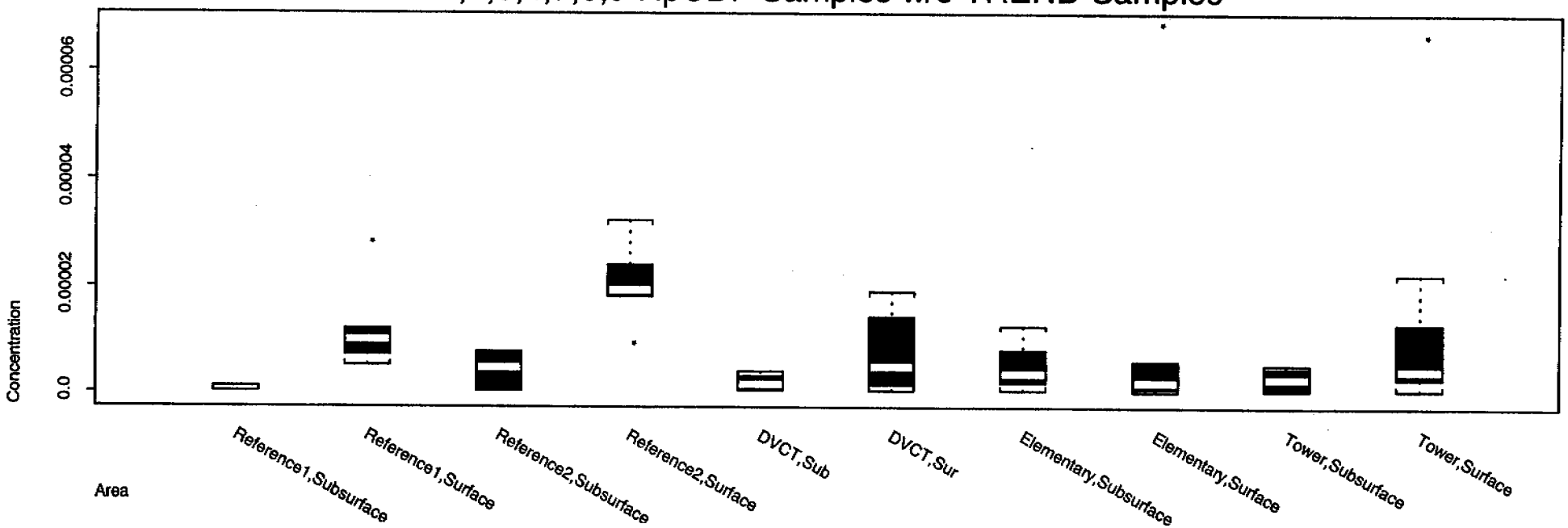

All 1,2,3,4,6,7,8-HpCDF Samples
Concentration
0.0
0.0005
0.0015
0.0025
RBSL= 0.00043
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


1,2,3,4,6,7,8-HpCDF Samples w/o TREND Samples
Concentration
0.0
0.0001
0.0002
0.0003
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

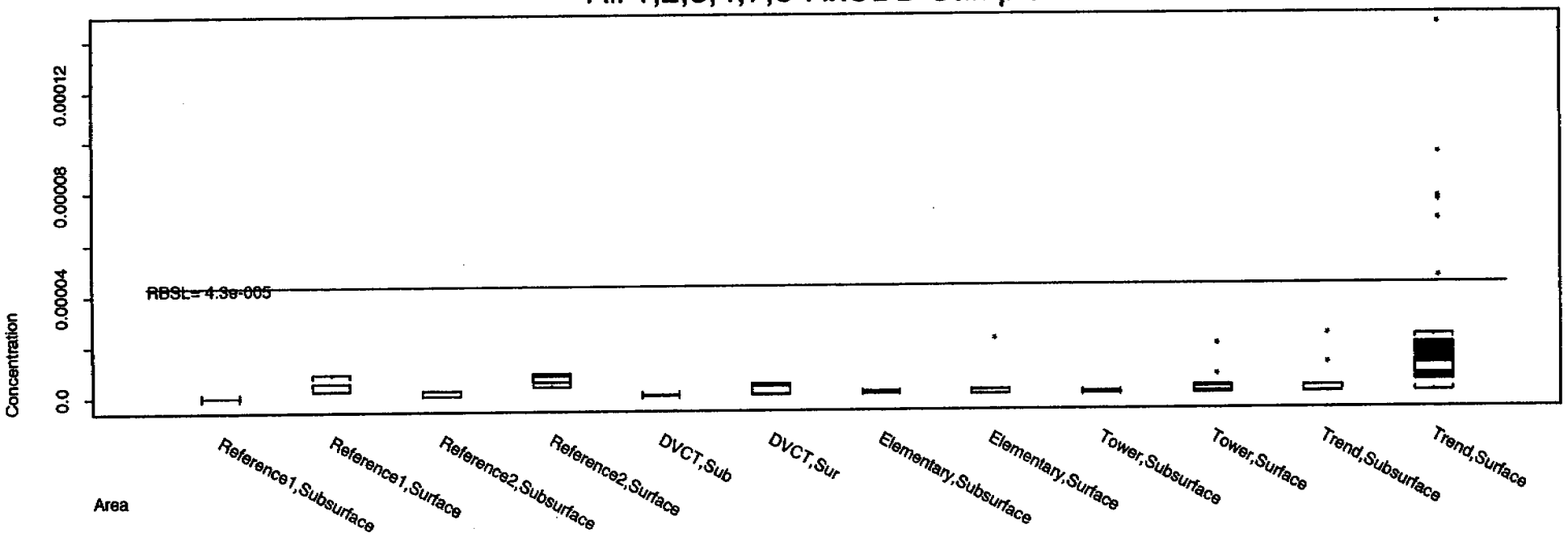
All 1,2,3,4,7,8,9-HpCDF Samples



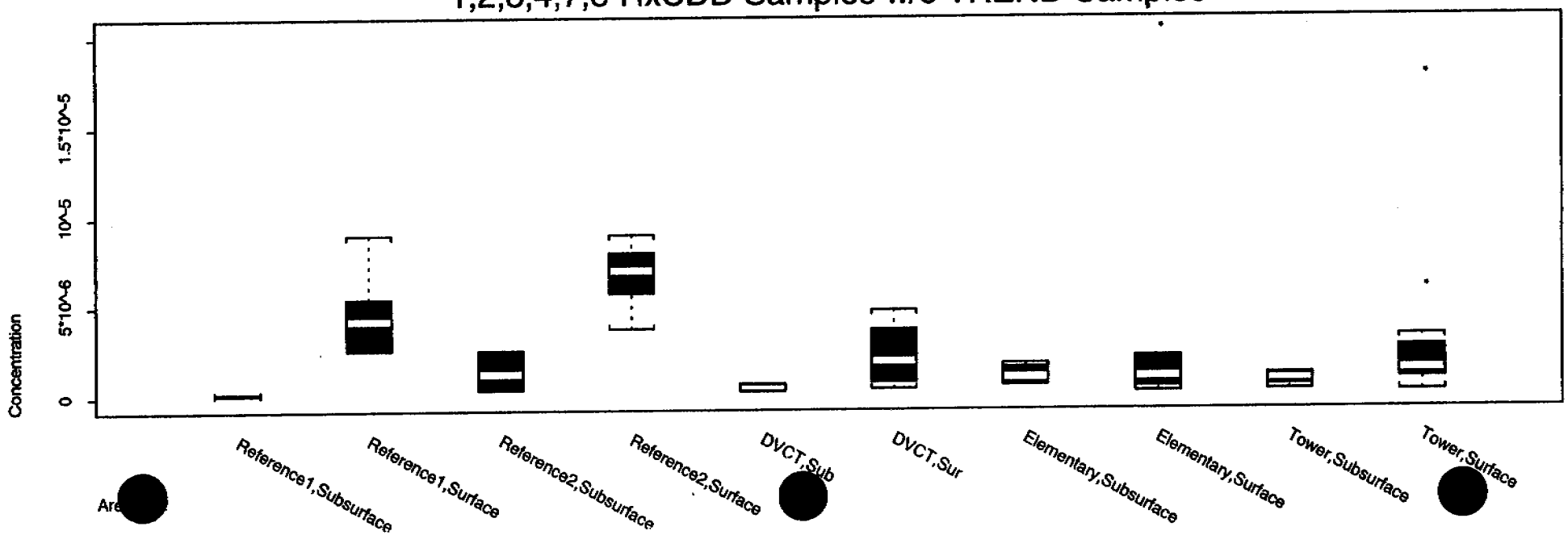
1,2,3,4,7,8,9-HpCDF Samples w/o TREND Samples

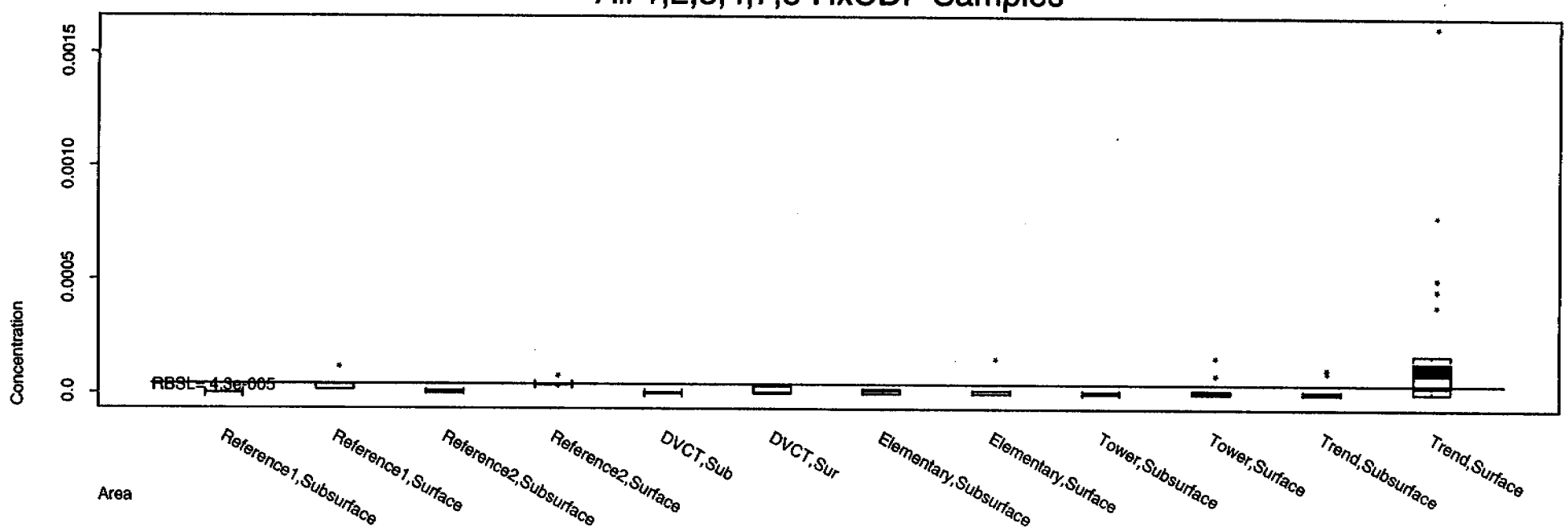


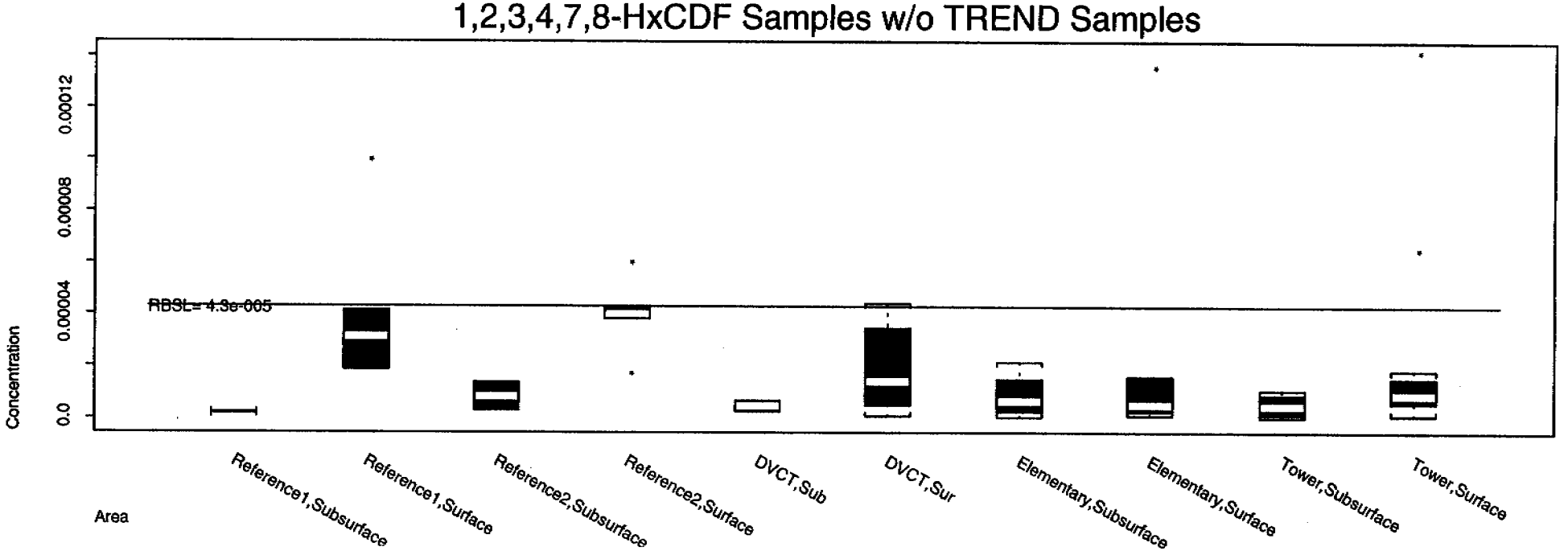
All 1,2,3,4,7,8-HxCDD Samples



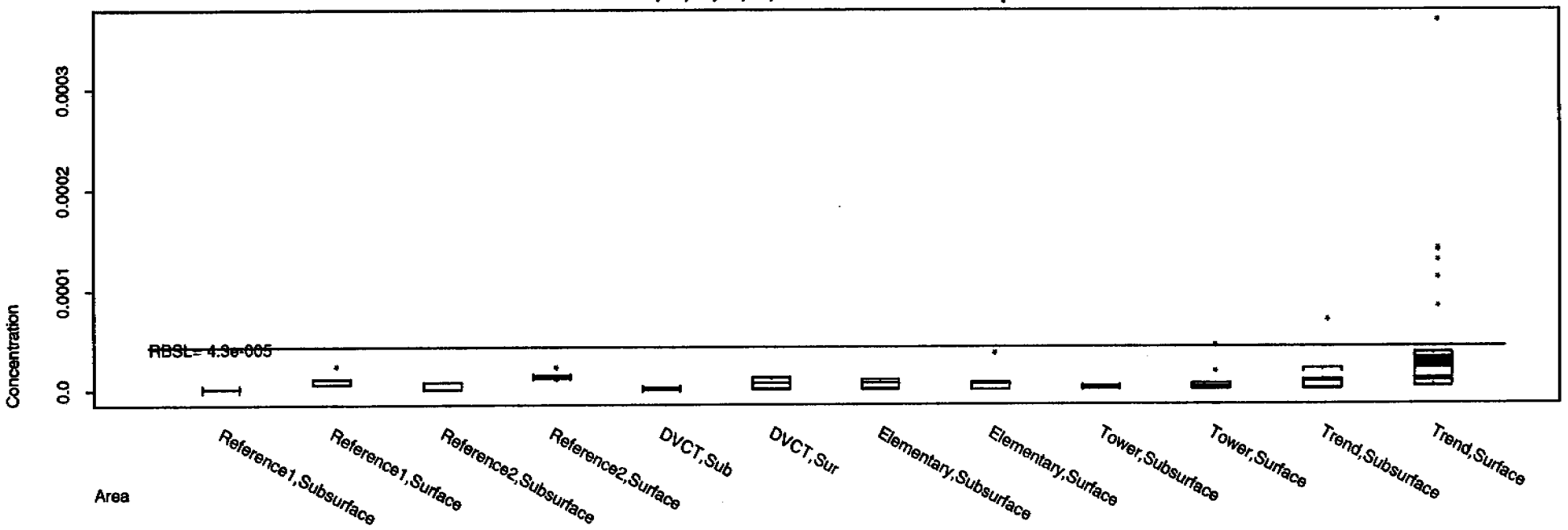
1,2,3,4,7,8-HxCDD Samples w/o TREND Samples



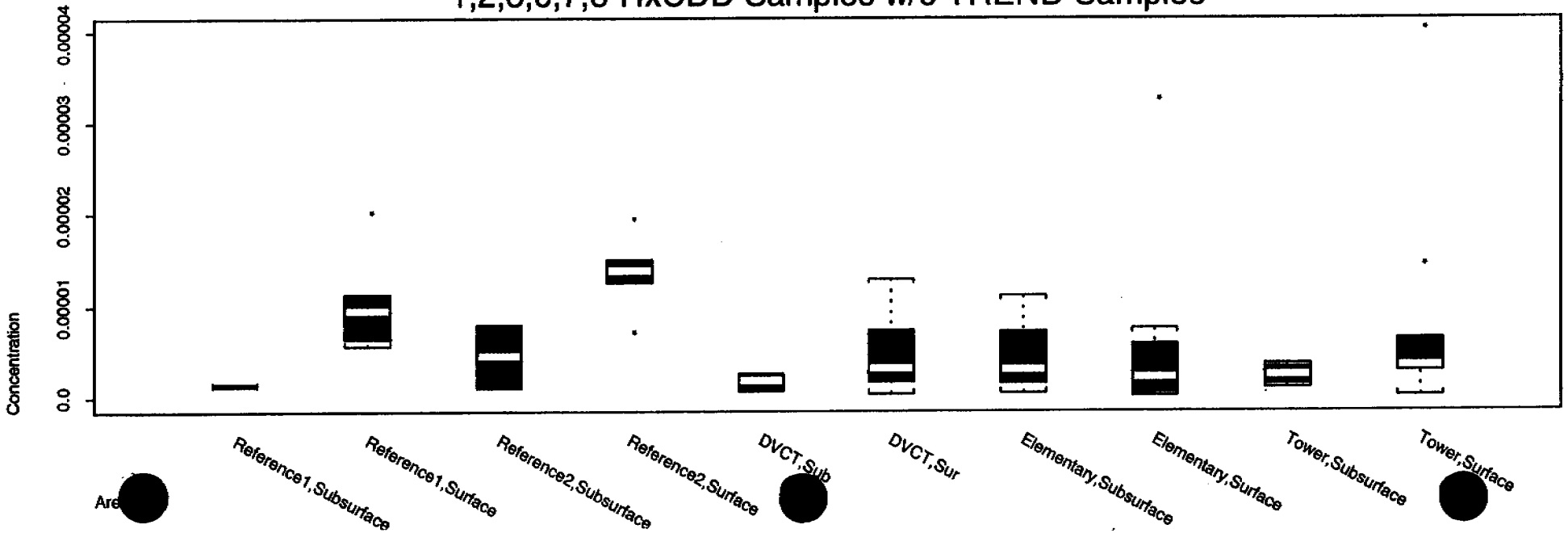

All 1,2,3,4,7,8-HxCDF Samples
Concentration
0.0
0.0005
0.0010
0.0015
RBSL=4.3e-005
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


1,2,3,4,7,8-HxCDF Samples w/o TREND Samples
Concentration
0.0
0.00004
0.00008
0.00012
RBSL=4.3e-005
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

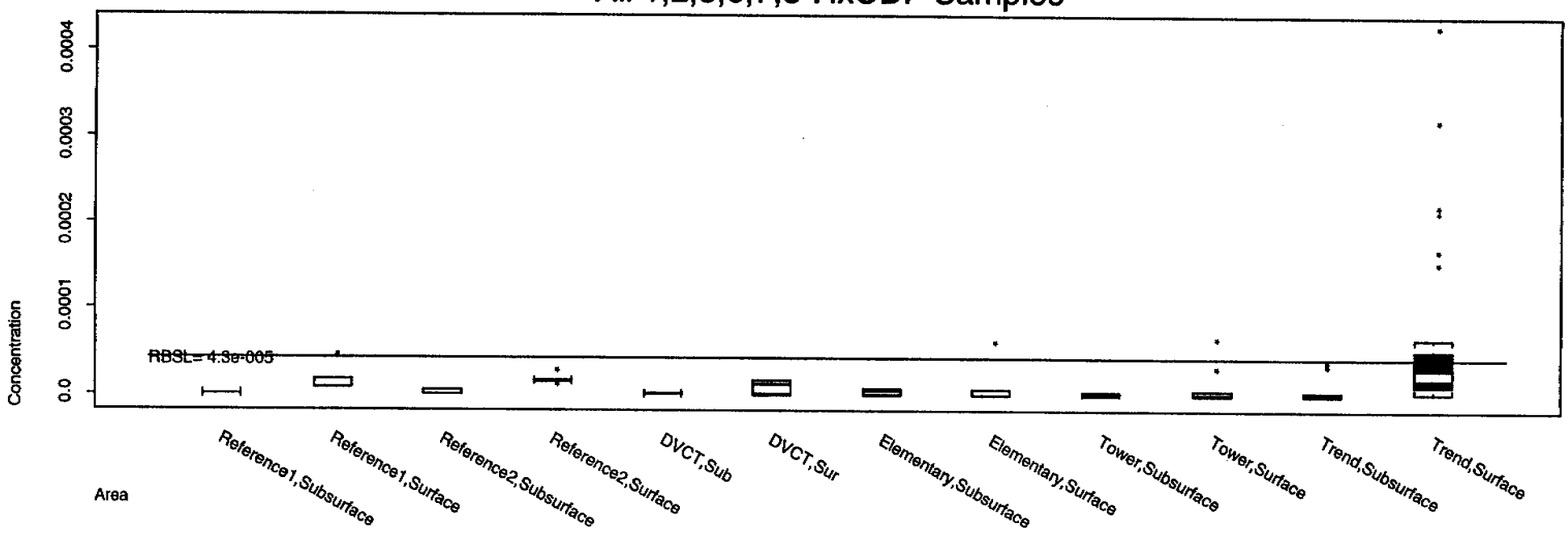
All 1,2,3,6,7,8-HxCDD Samples



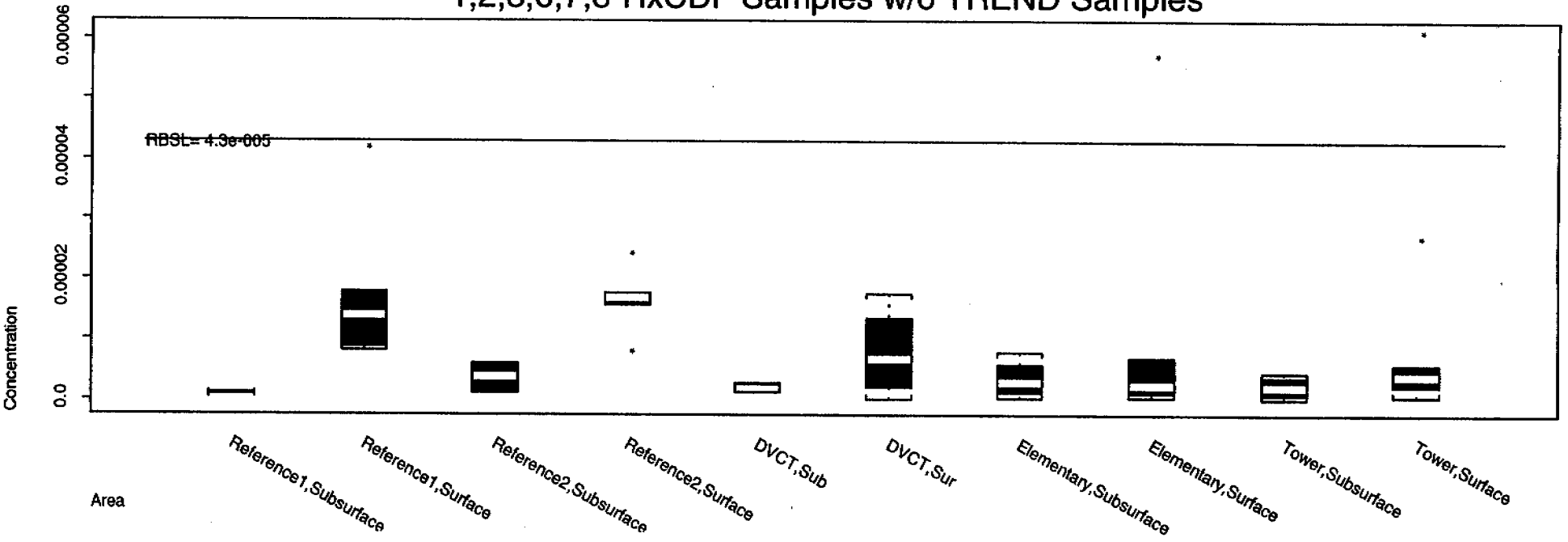
1,2,3,6,7,8-HxCDD Samples w/o TREND Samples



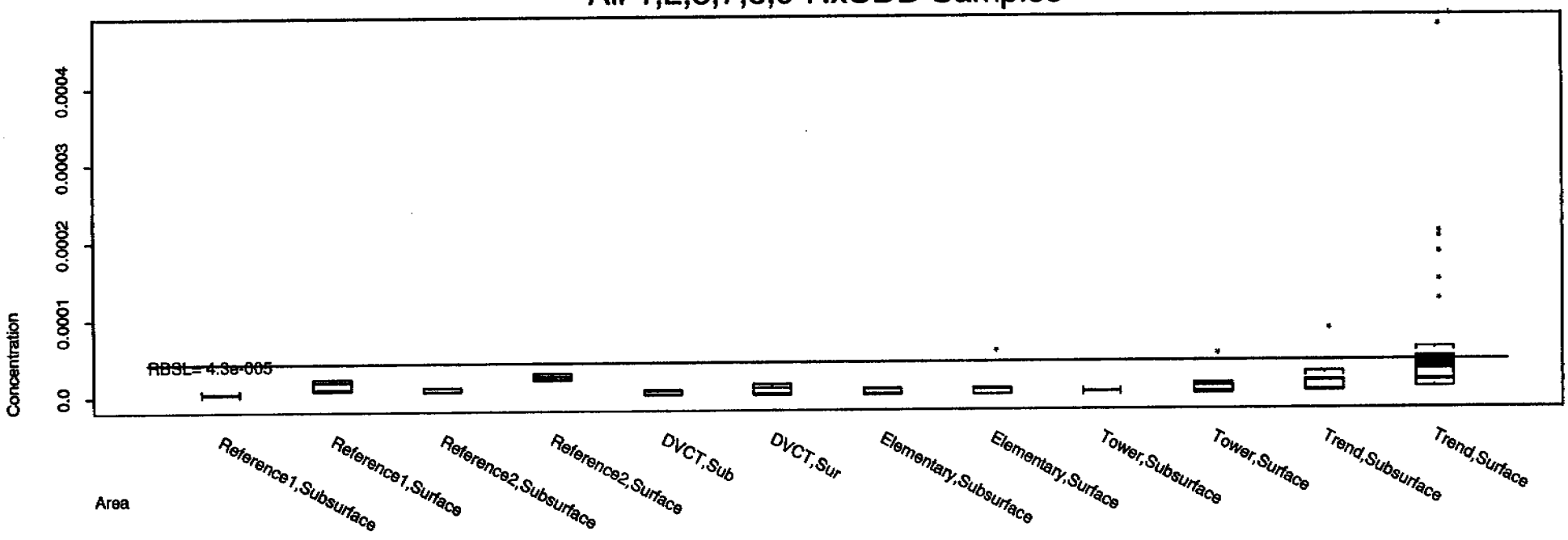
All 1,2,3,6,7,8-HxCDF Samples



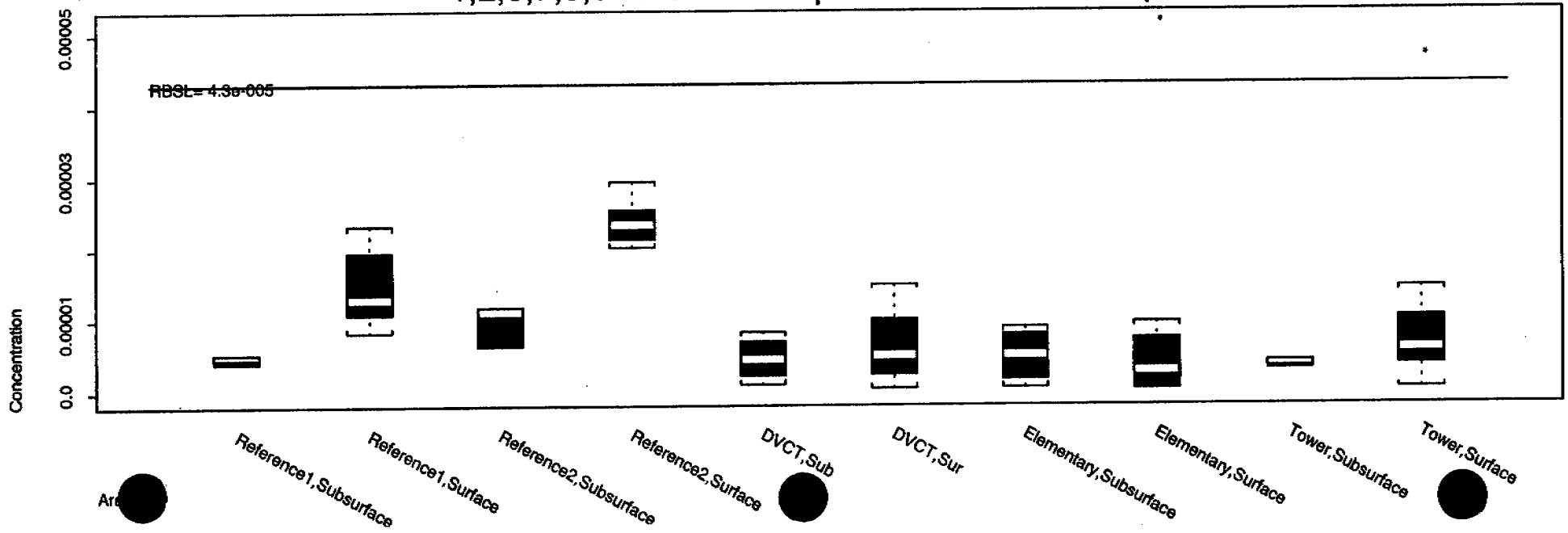
1,2,3,6,7,8-HxCDF Samples w/o TREND Samples

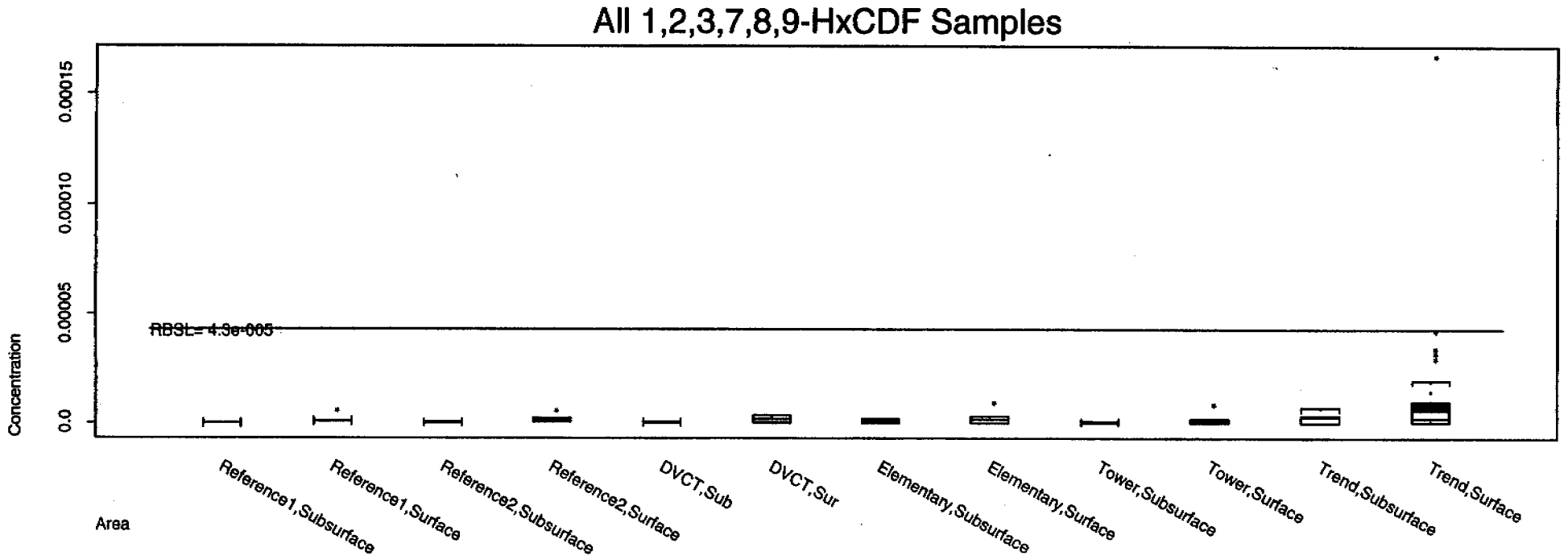


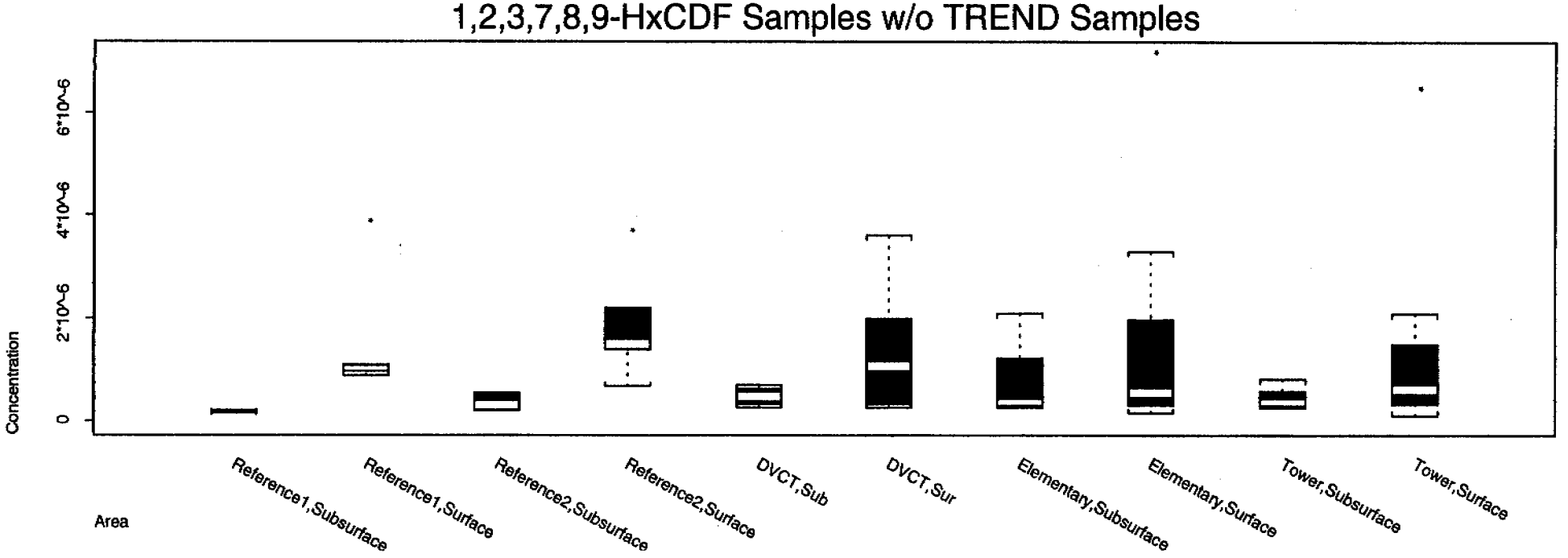
All 1,2,3,7,8,9-HxCDD Samples

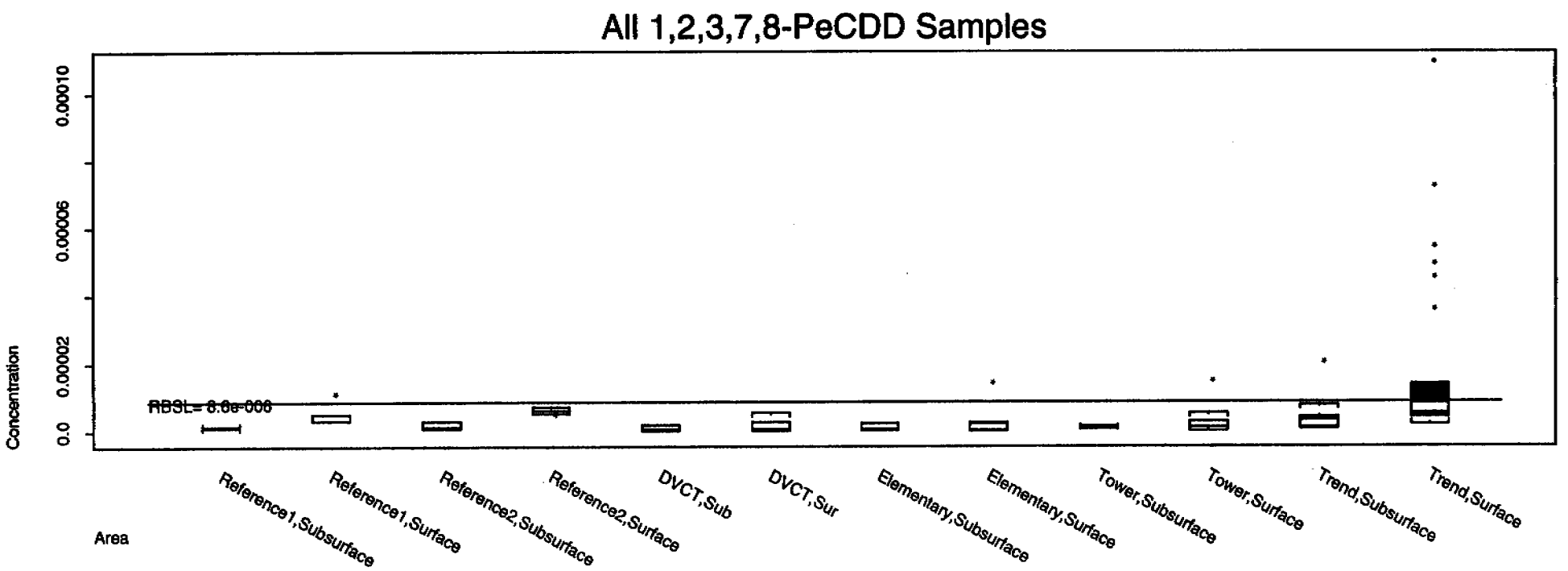


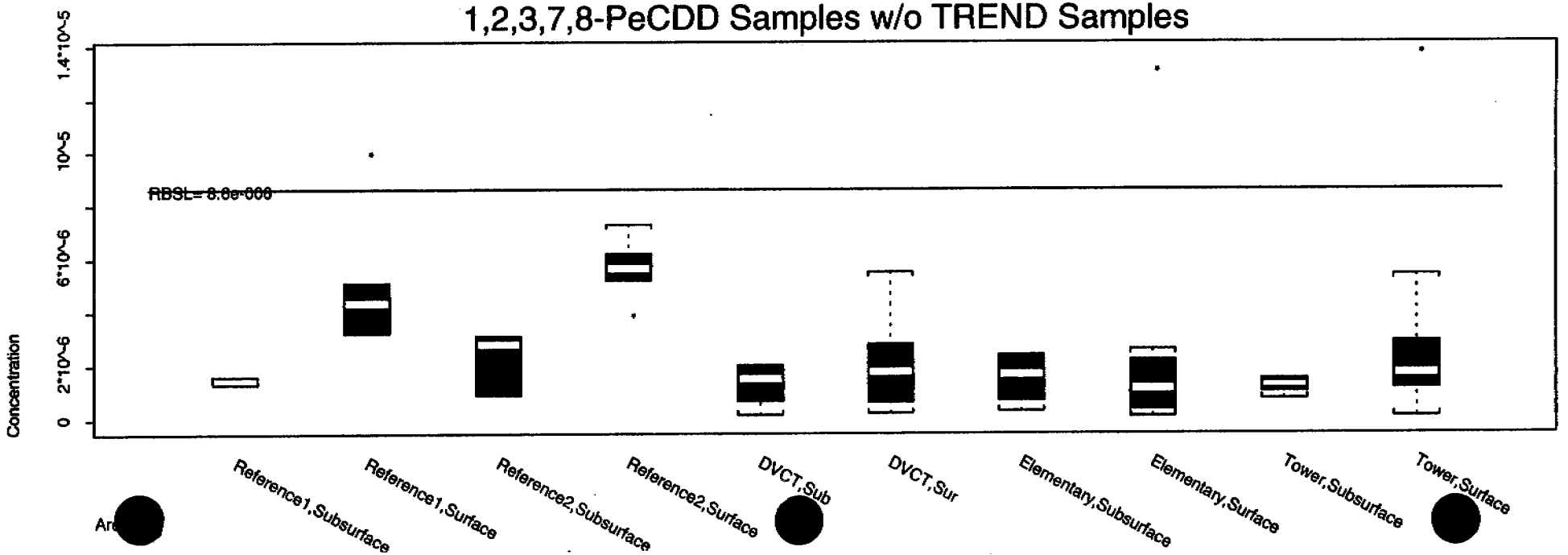
1,2,3,7,8,9-HxCDD Samples w/o TREND Samples



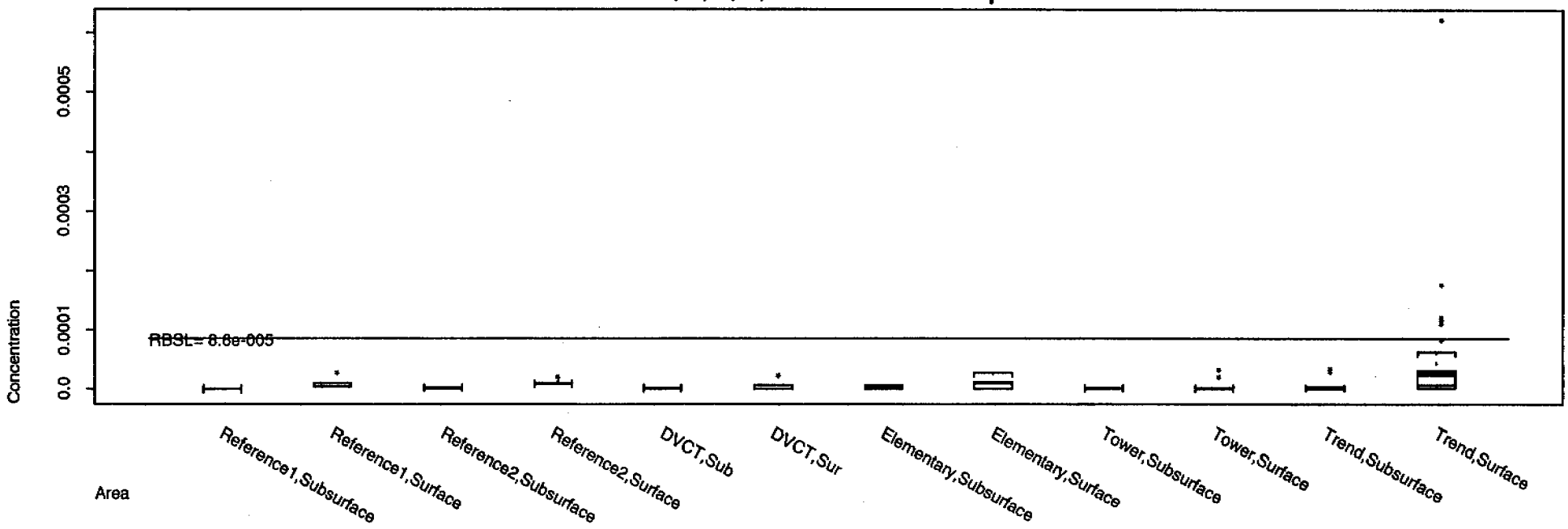

All 1,2,3,7,8,9-HxCDF Samples
Concentration
0.0
0.00005
0.00010
0.00015
RBSL= 4.3e-005
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


1,2,3,7,8,9-HxCDF Samples w/o TREND Samples
Concentration
0
2*10^-6
4*10^-6
6*10^-6
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

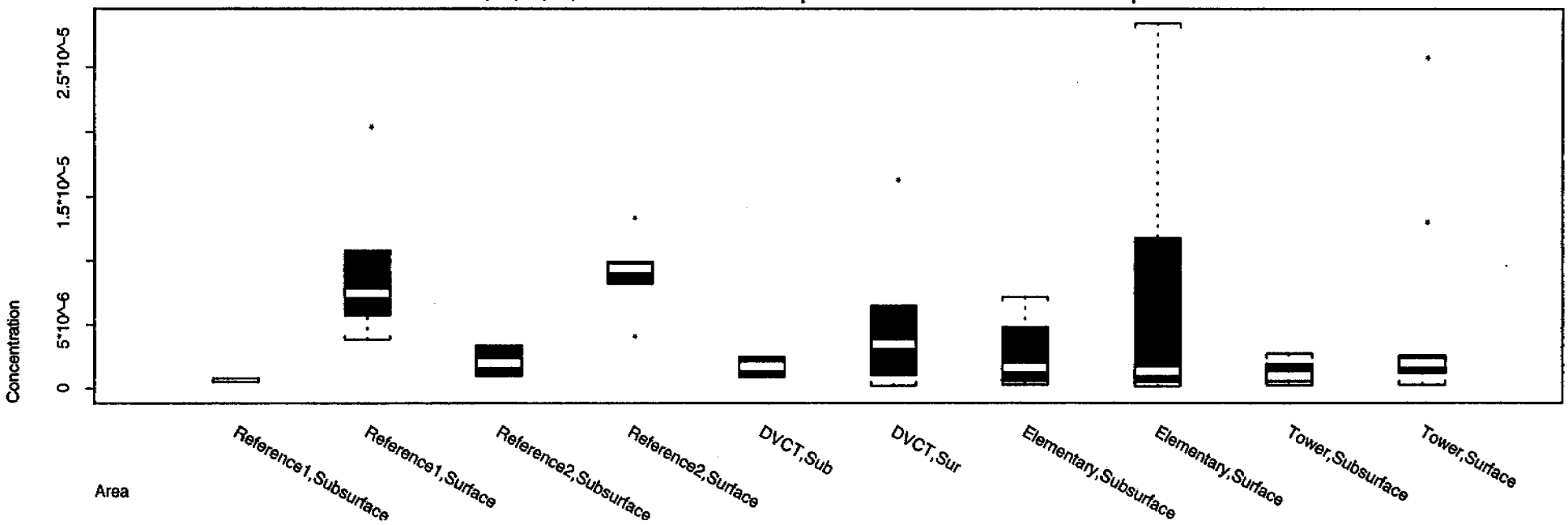

All 1,2,3,7,8-PeCDD Samples
Concentration
0.0
0.00002
0.00006
0.00010
RBSL= 8.0e-006
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface
Area


1,2,3,7,8-PeCDD Samples w/o TREND Samples
Concentration
0
2*10^-6
6*10^-6
10^-5
1.4*10^-5
RBSL= 8.0e-006
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

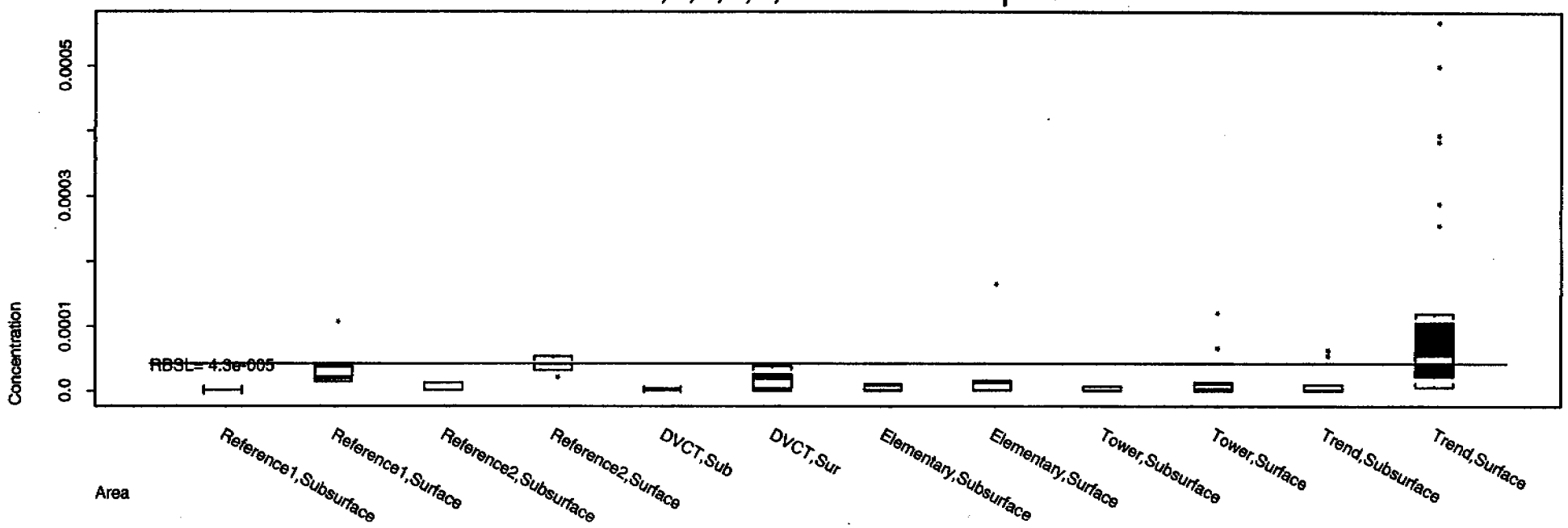
All 1,2,3,7,8-PeCDF Samples



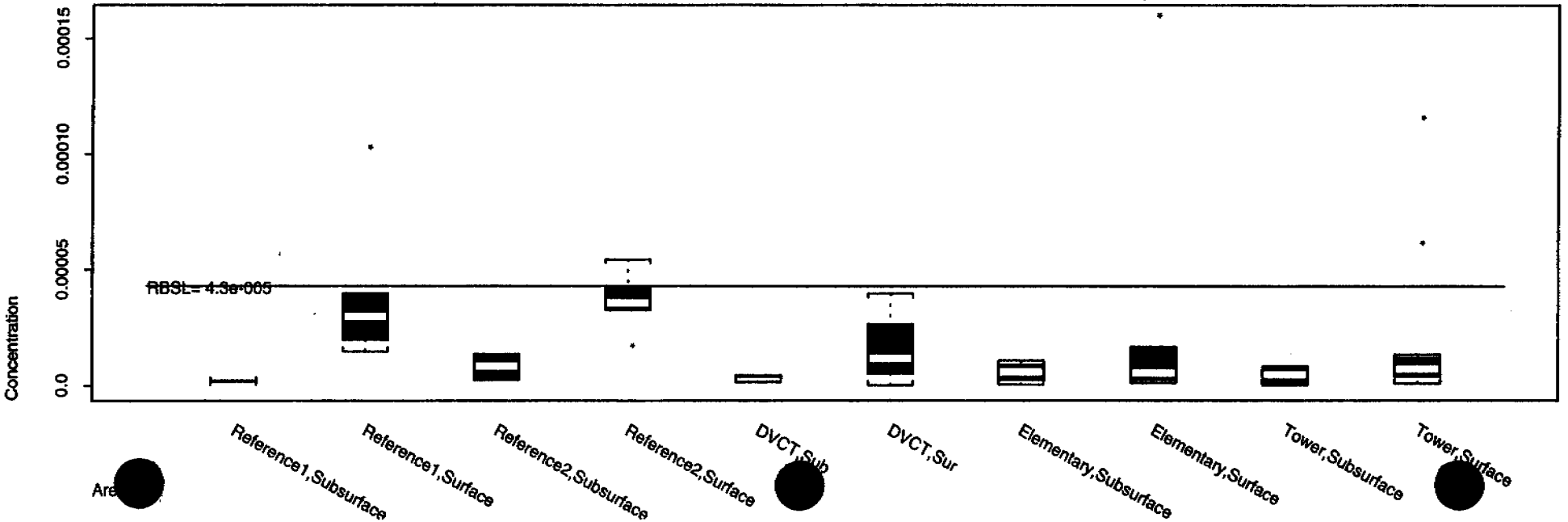
1,2,3,7,8-PeCDF Samples w/o TREND Samples



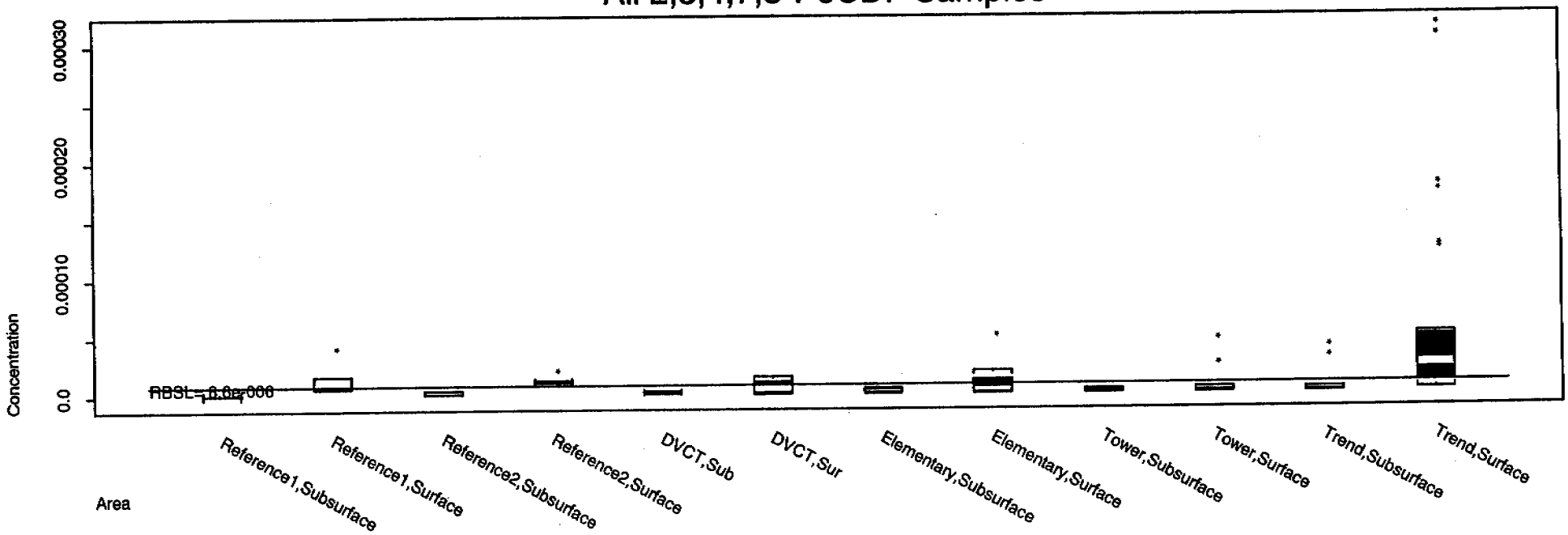
All 2,3,4,6,7,8-HxCDF Samples



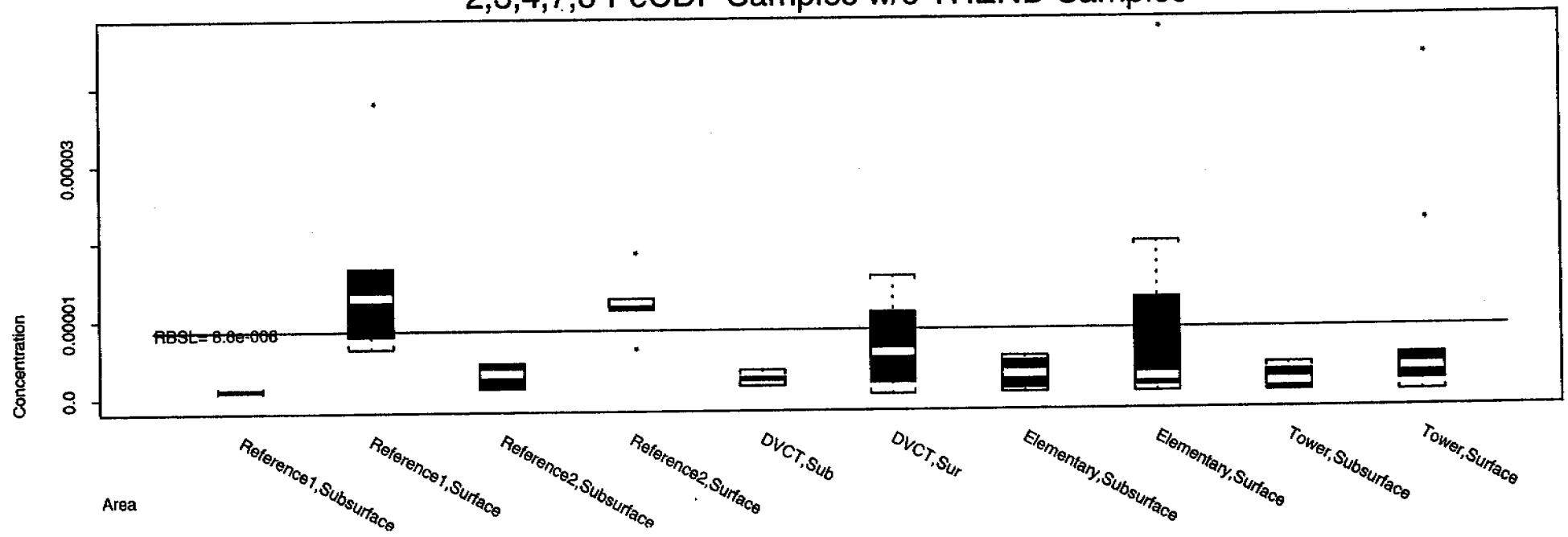
2,3,4,6,7,8-HxCDF Samples w/o TREND Samples



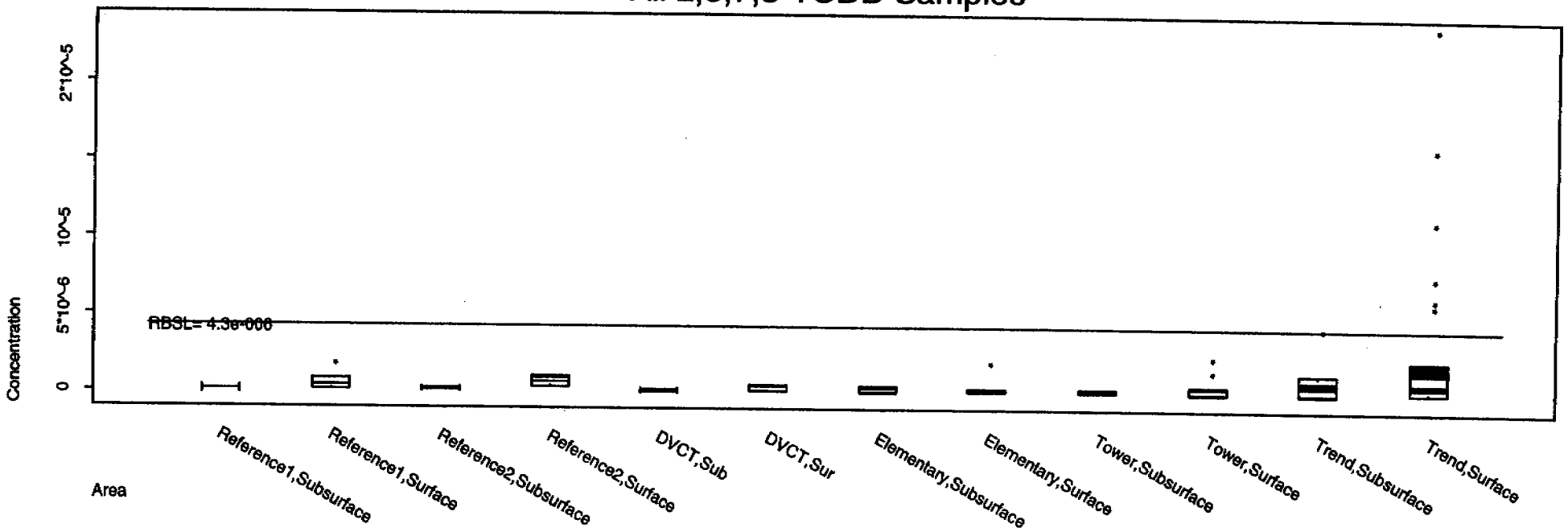
All 2,3,4,7,8-PeCDF Samples



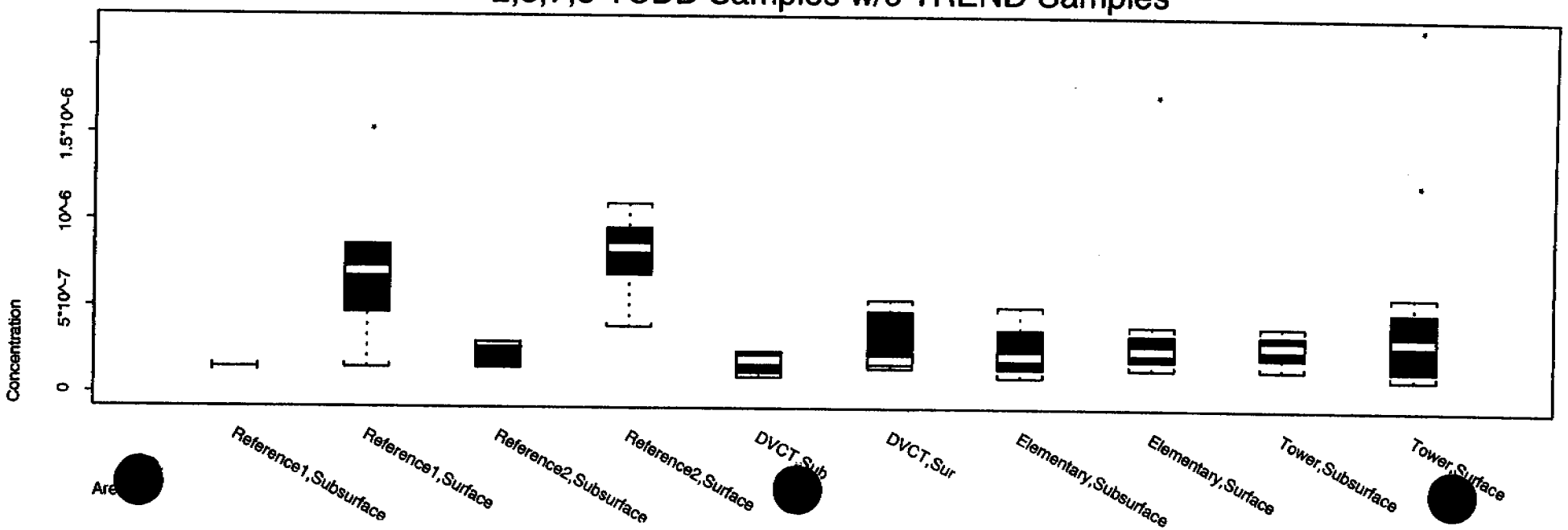
2,3,4,7,8-PeCDF Samples w/o TREND Samples

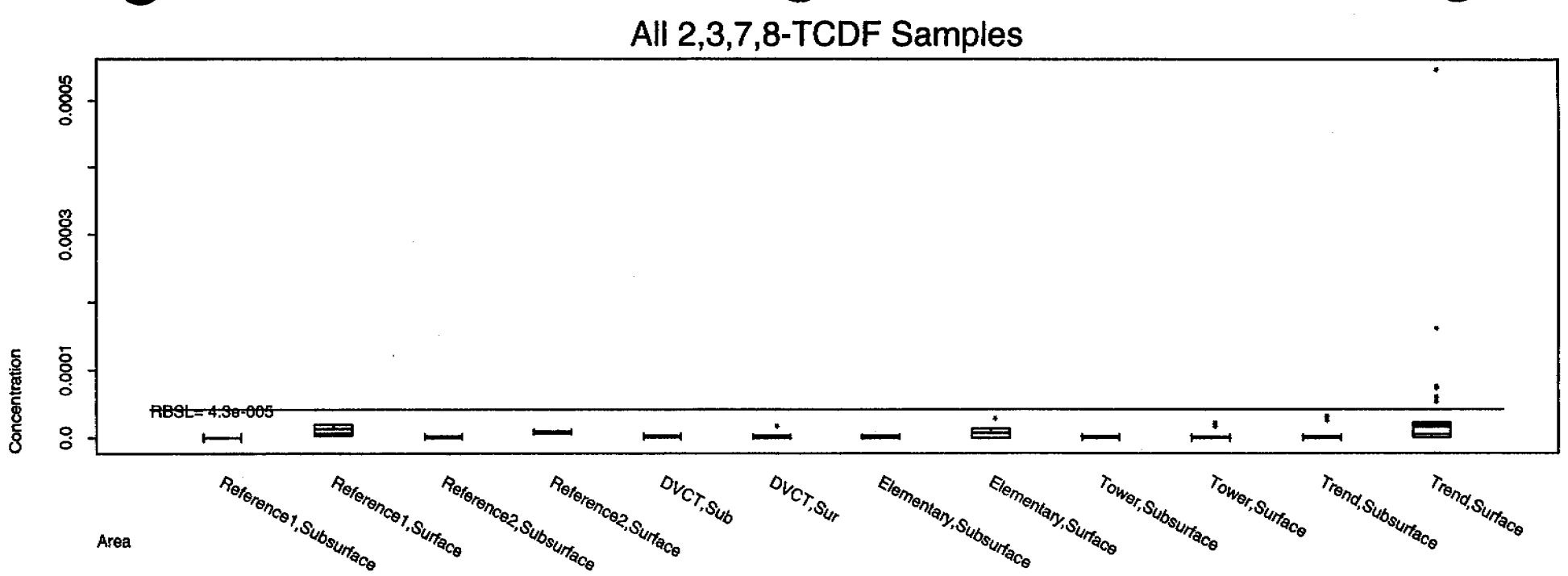


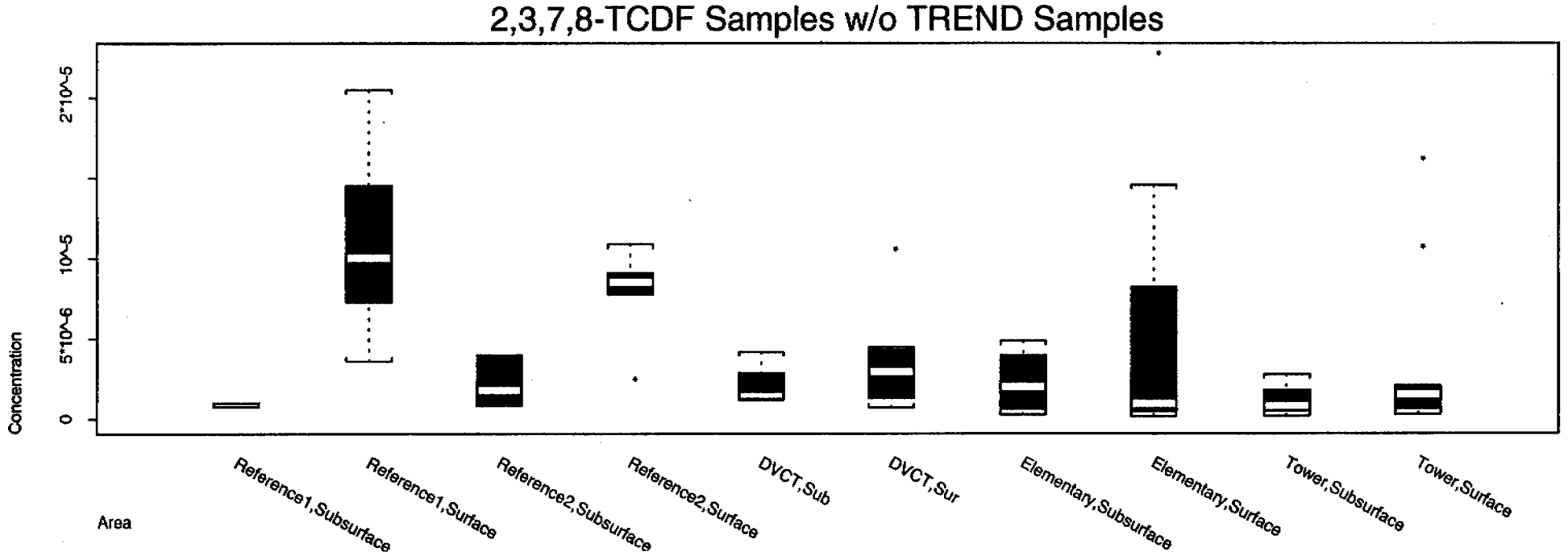
All 2,3,7,8-TCDD Samples

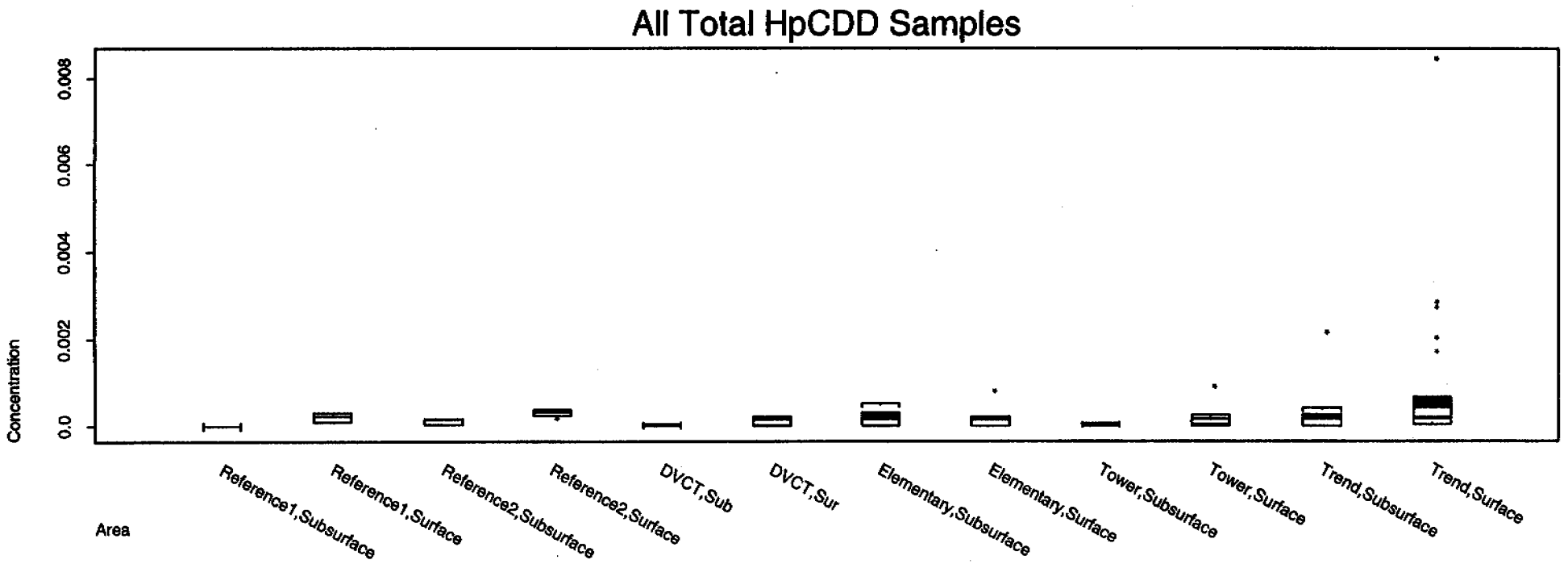


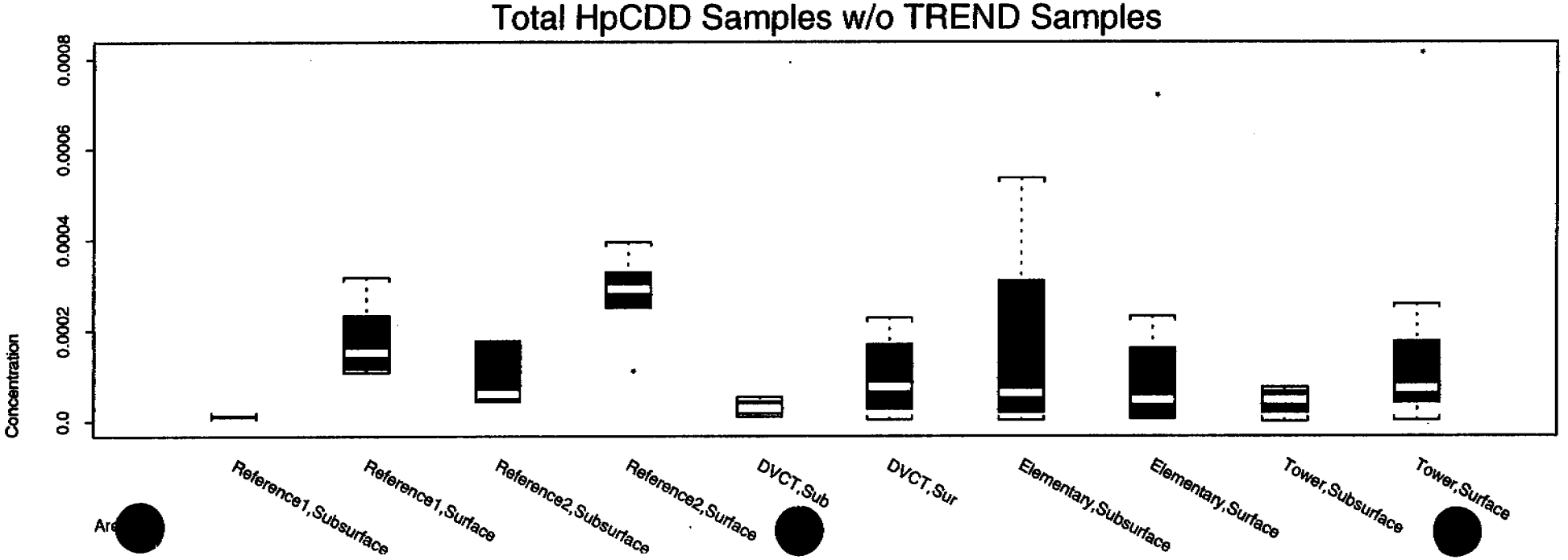
2,3,7,8-TCDD Samples w/o TREND Samples



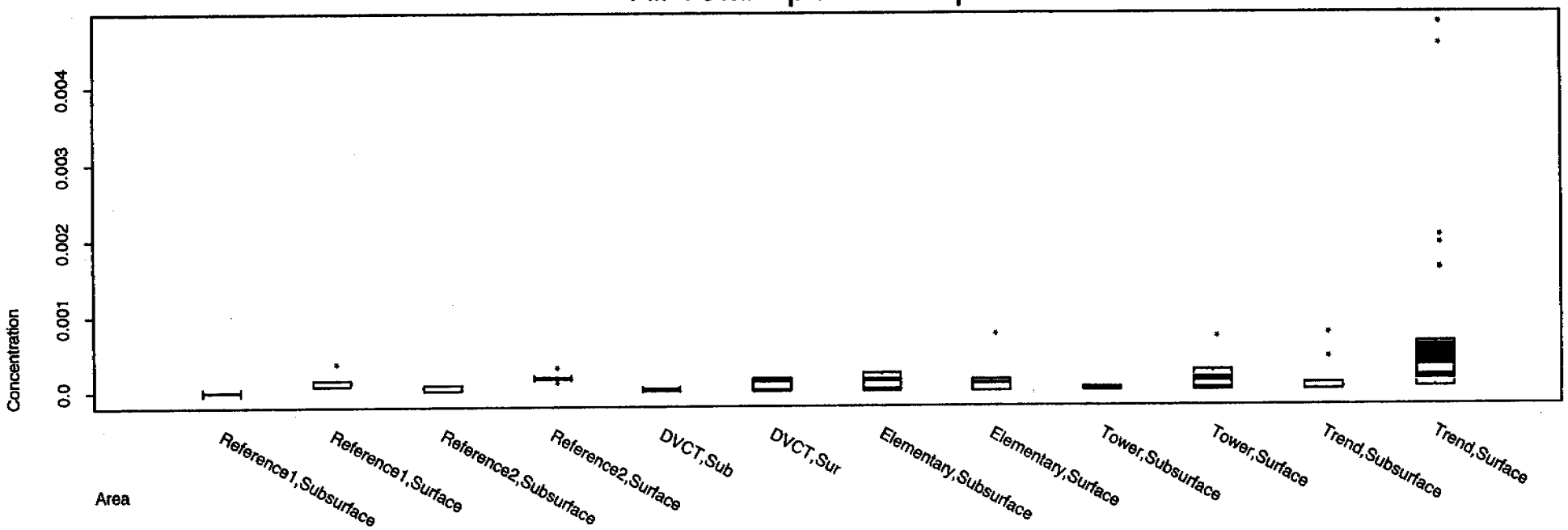

All 2,3,7,8-TCDF Samples
Concentration
0.0
0.0001
0.0003
0.0005
RBSL= 4.3e-005
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface
Area


2,3,7,8-TCDF Samples w/o TREND Samples
Concentration
0
5*10^-6
10^-5
2*10^-5
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Area

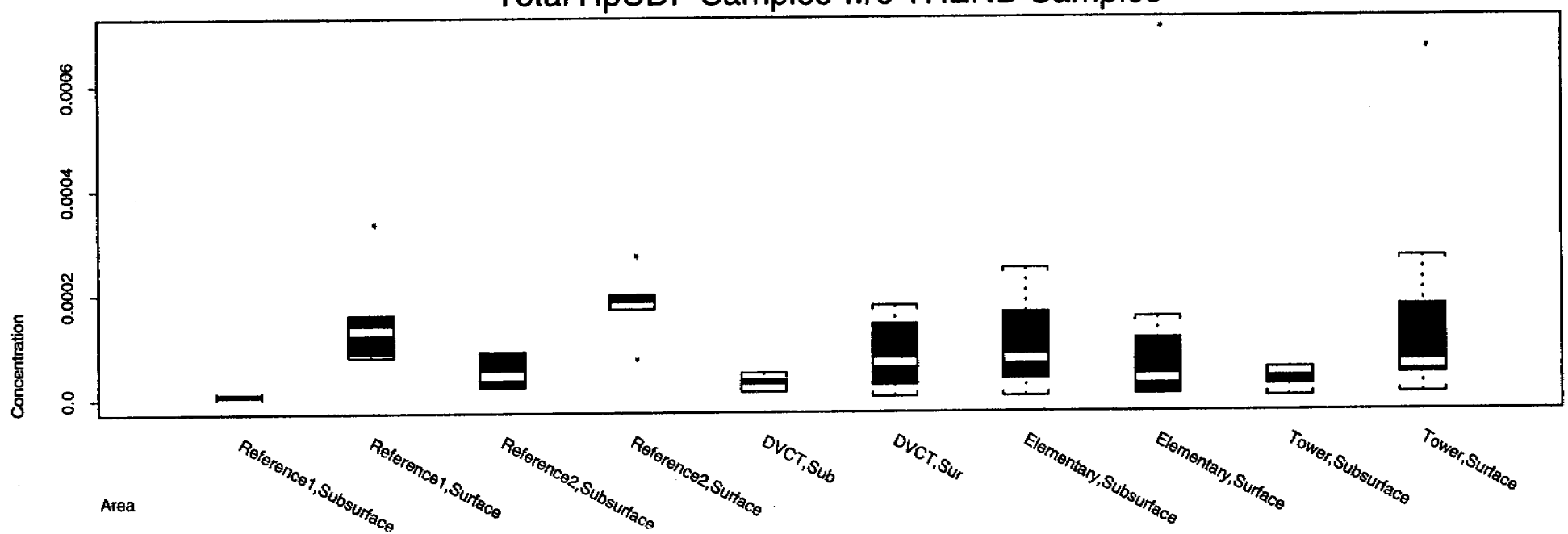

All Total HpCDD Samples
Concentration
0.0
0.002
0.004
0.006
0.008
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Total HpCDD Samples w/o TREND Samples
Concentration
0.0
0.0002
0.0004
0.0006
0.0008
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

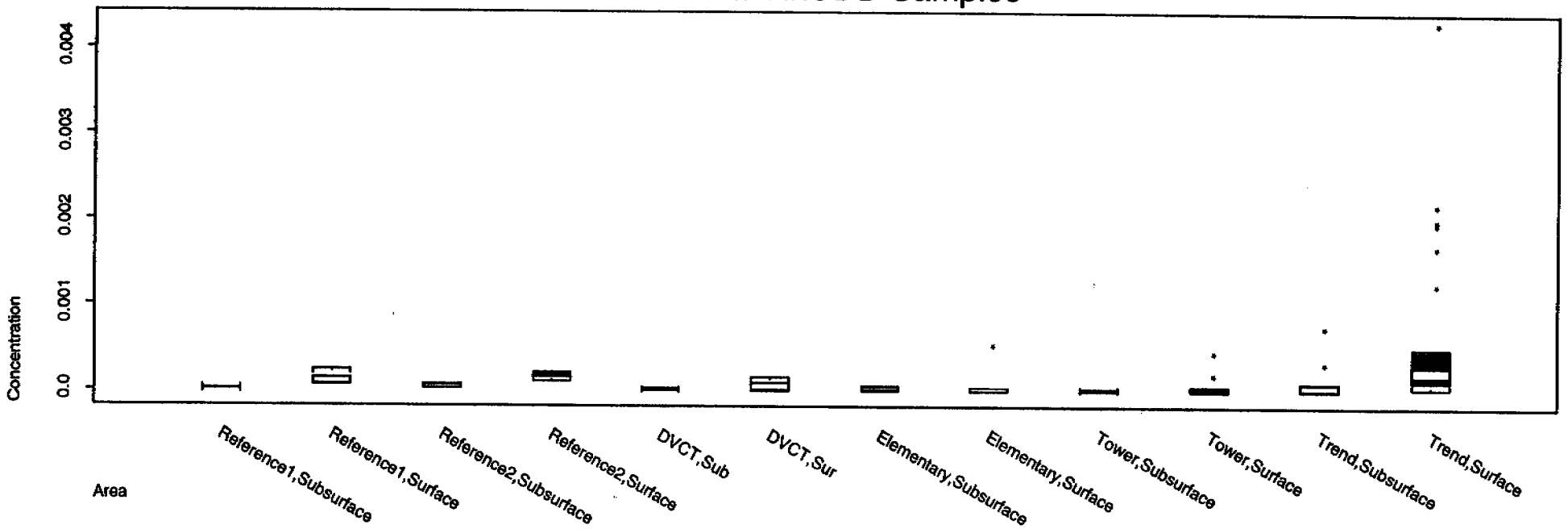
All Total HpCDF Samples



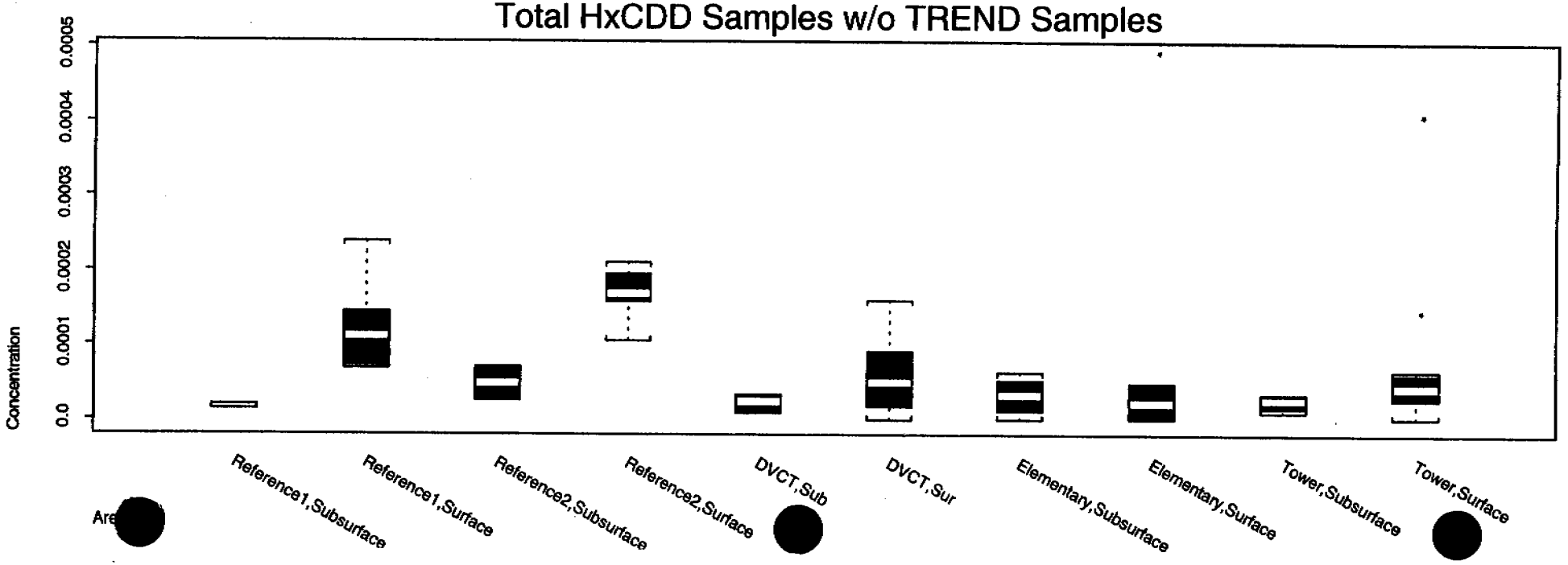
Total HpCDF Samples w/o TREND Samples

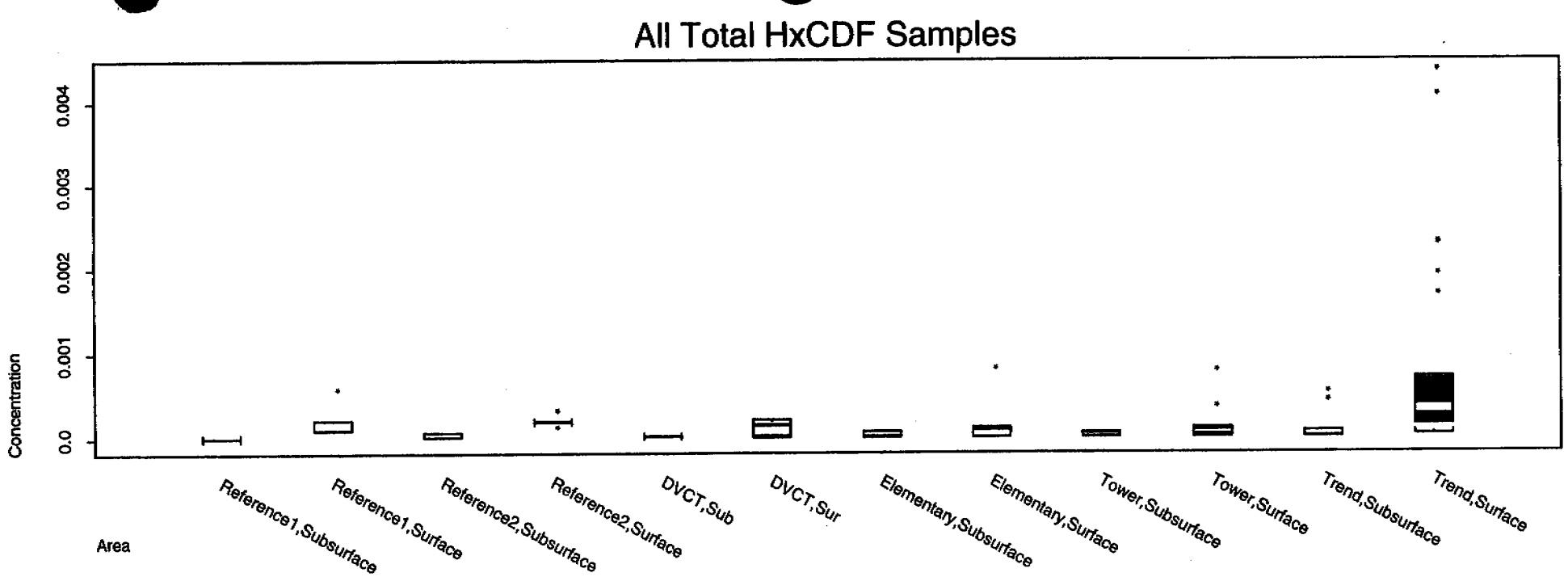


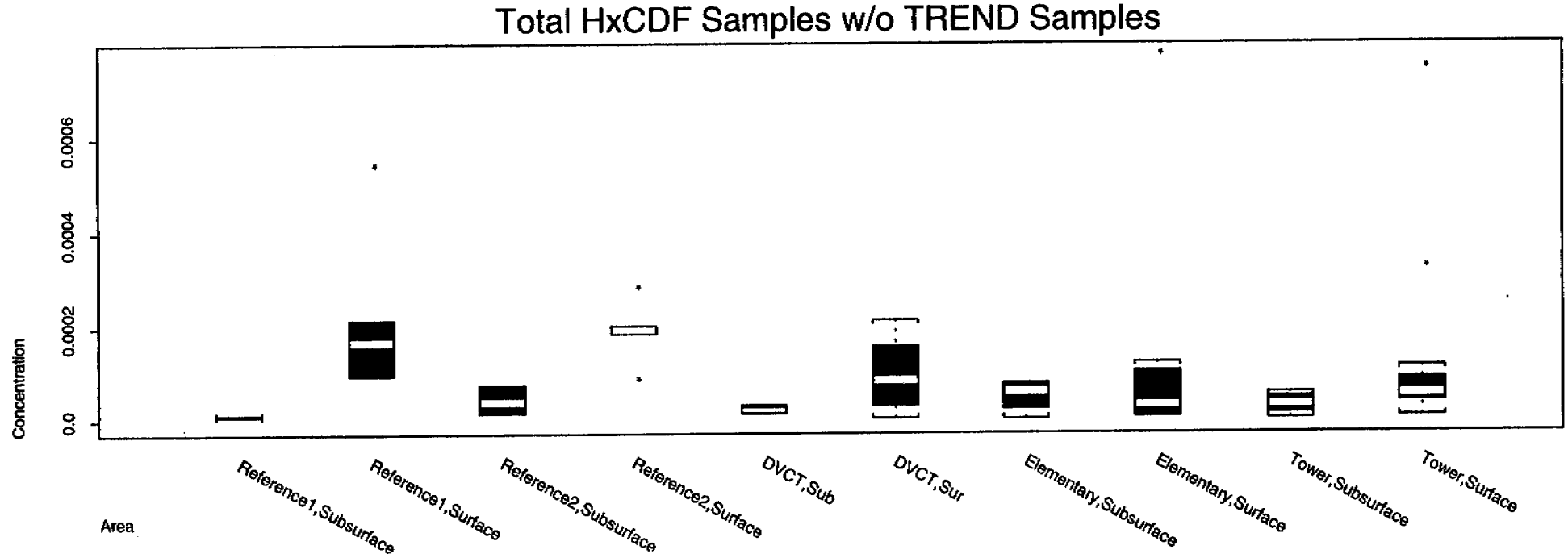
All Total HxCDD Samples



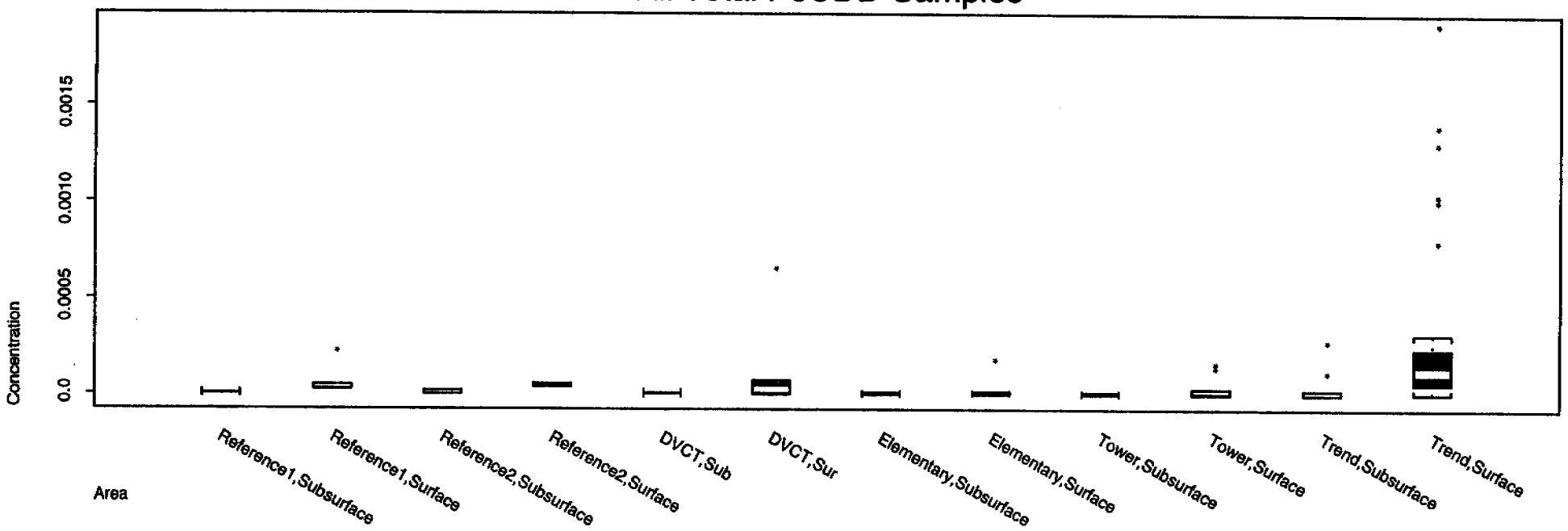
Total HxCDD Samples w/o TREND Samples



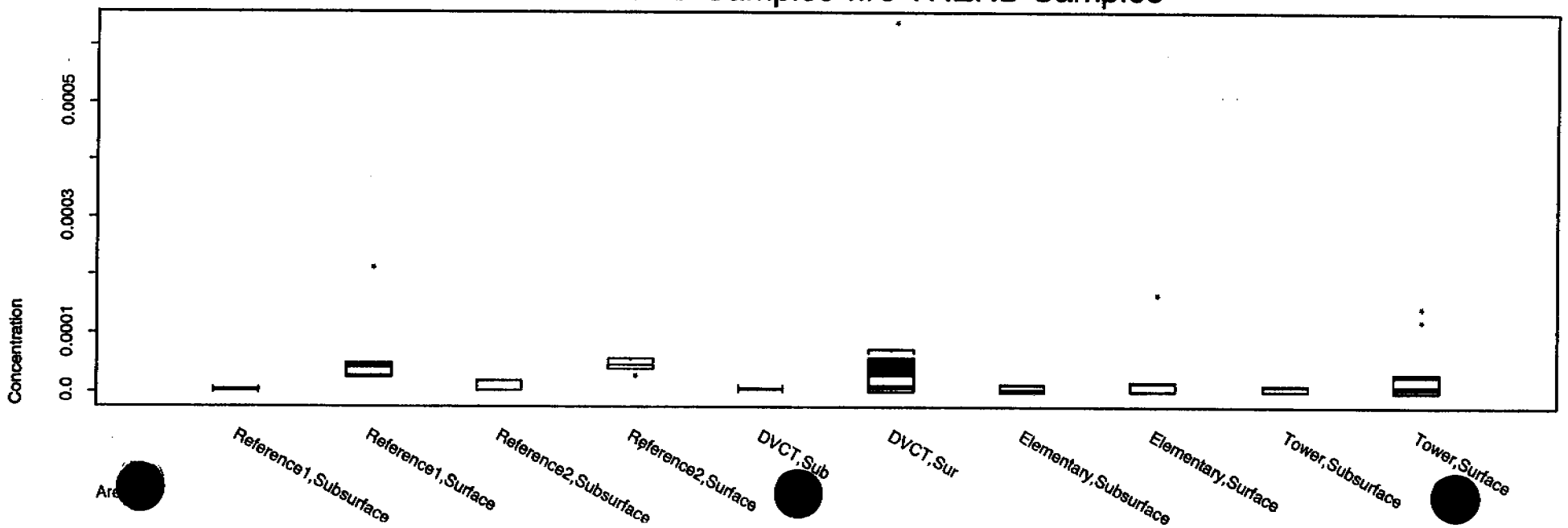

All Total HxCDF Samples
Concentration
0.0
0.001
0.002
0.003
0.004
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface
Area

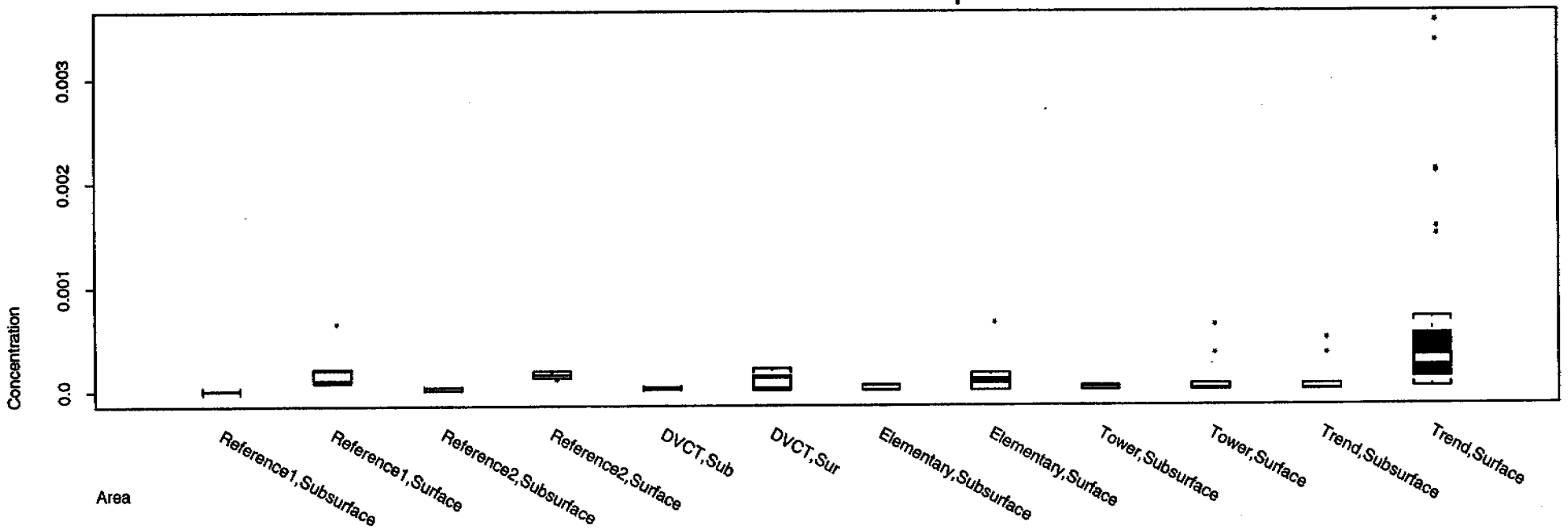

Total HxCDF Samples w/o TREND Samples
Concentration
0.0
0.0002
0.0004
0.0006
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Area

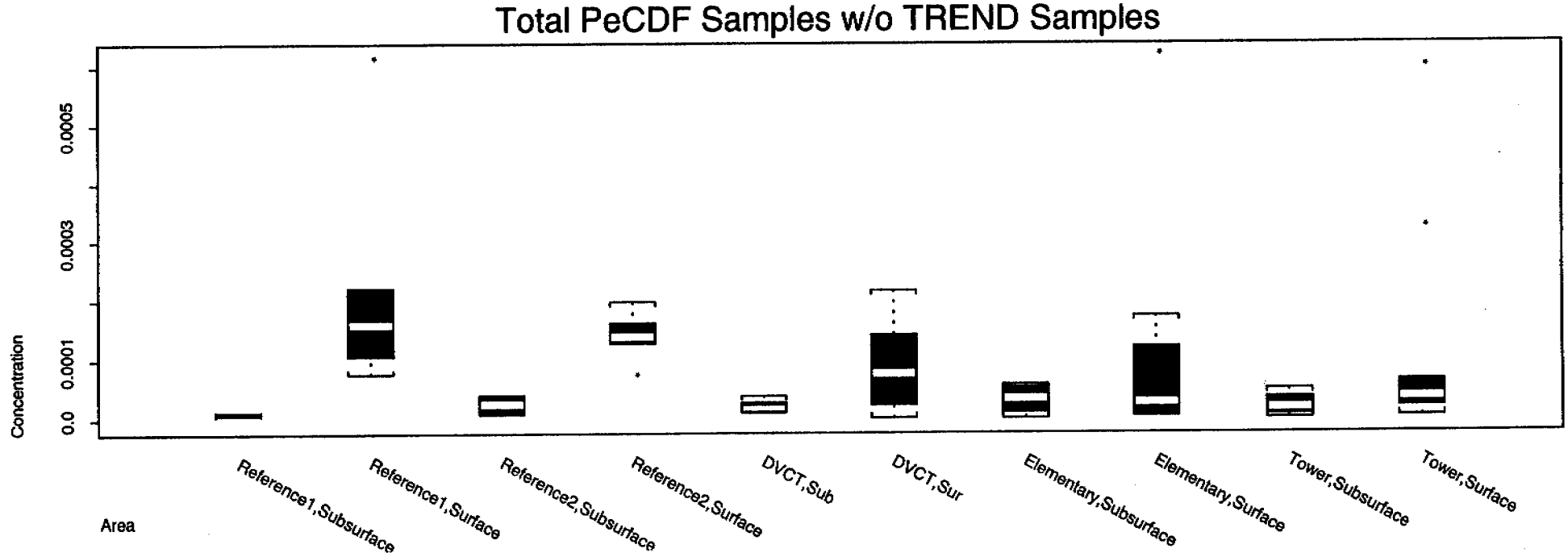
All Total PeCDD Samples

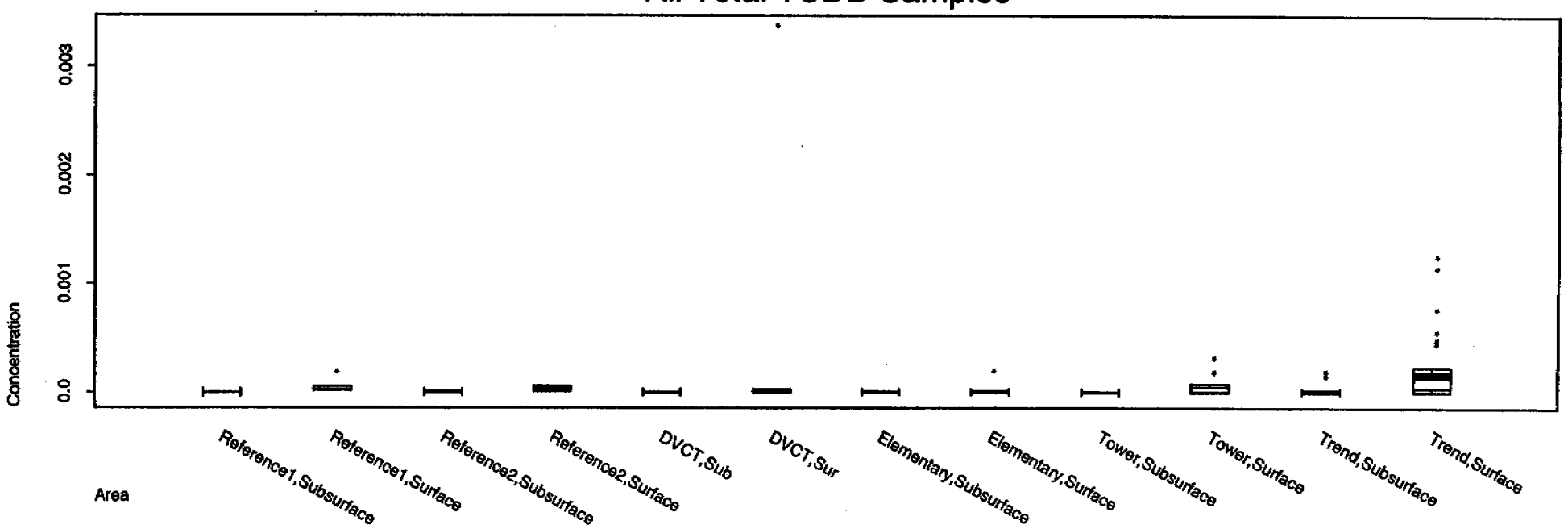


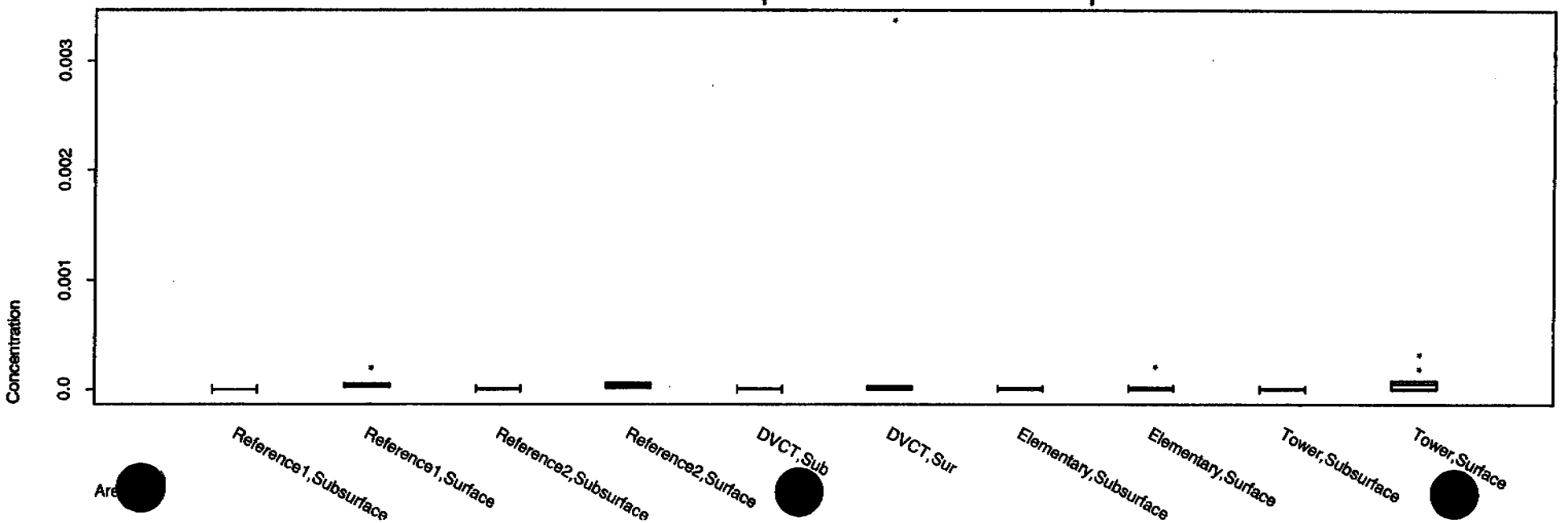
Total PeCDD Samples w/o TREND Samples

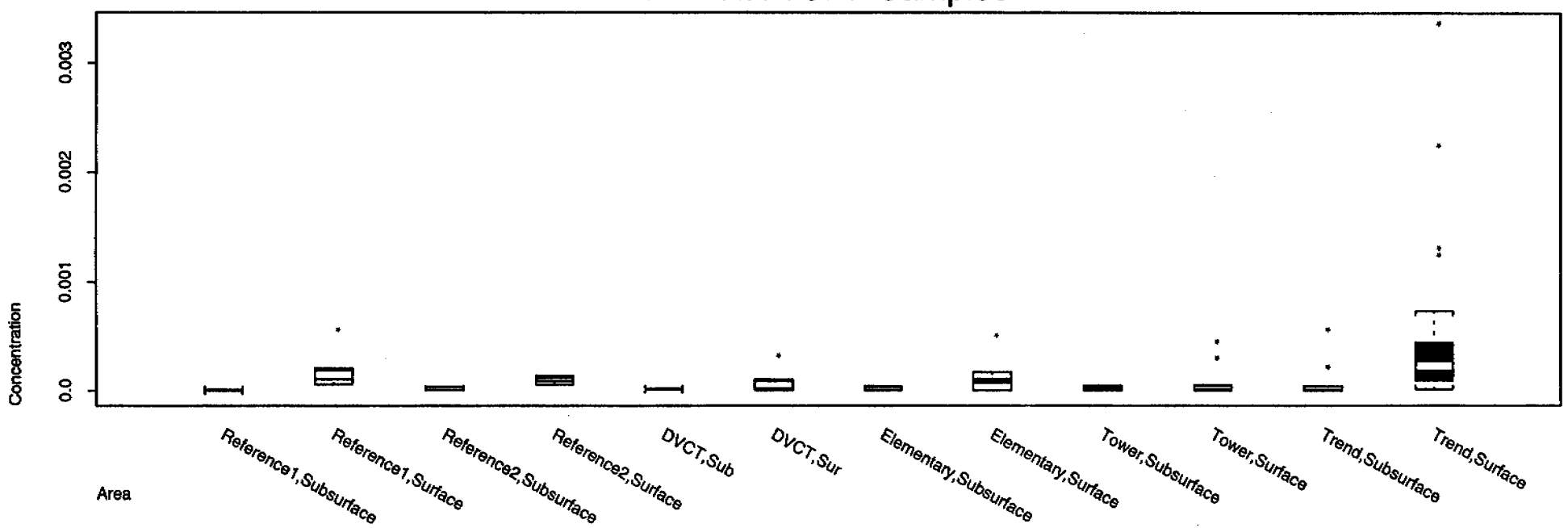


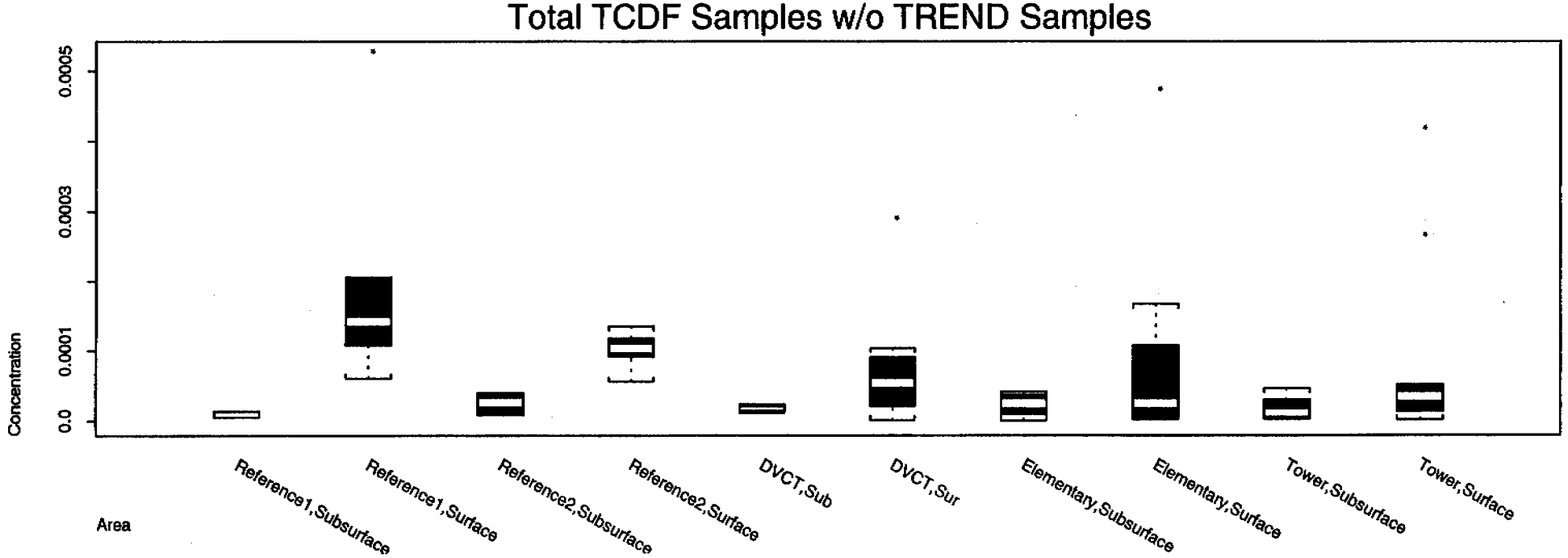

All Total PeCDF Samples
Concentration
0.0
0.001
0.002
0.003
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

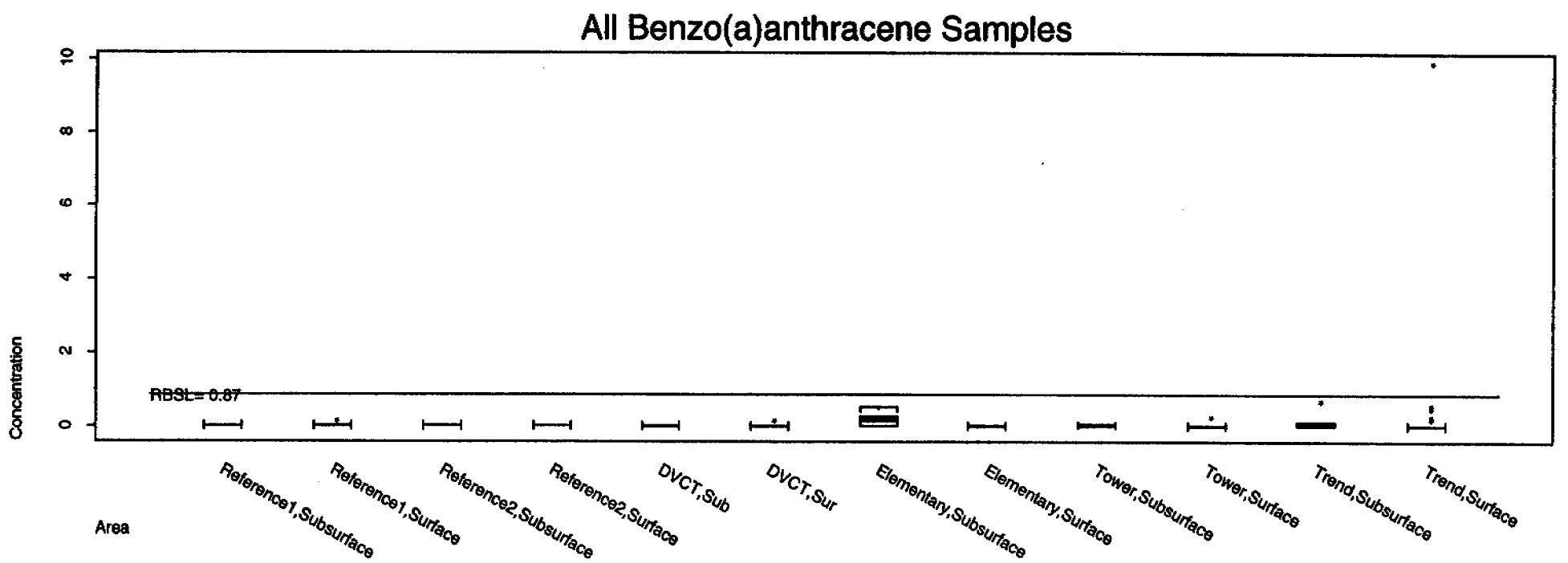

Total PeCDF Samples w/o TREND Samples
Concentration
0.0
0.0001
0.0003
0.0005
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

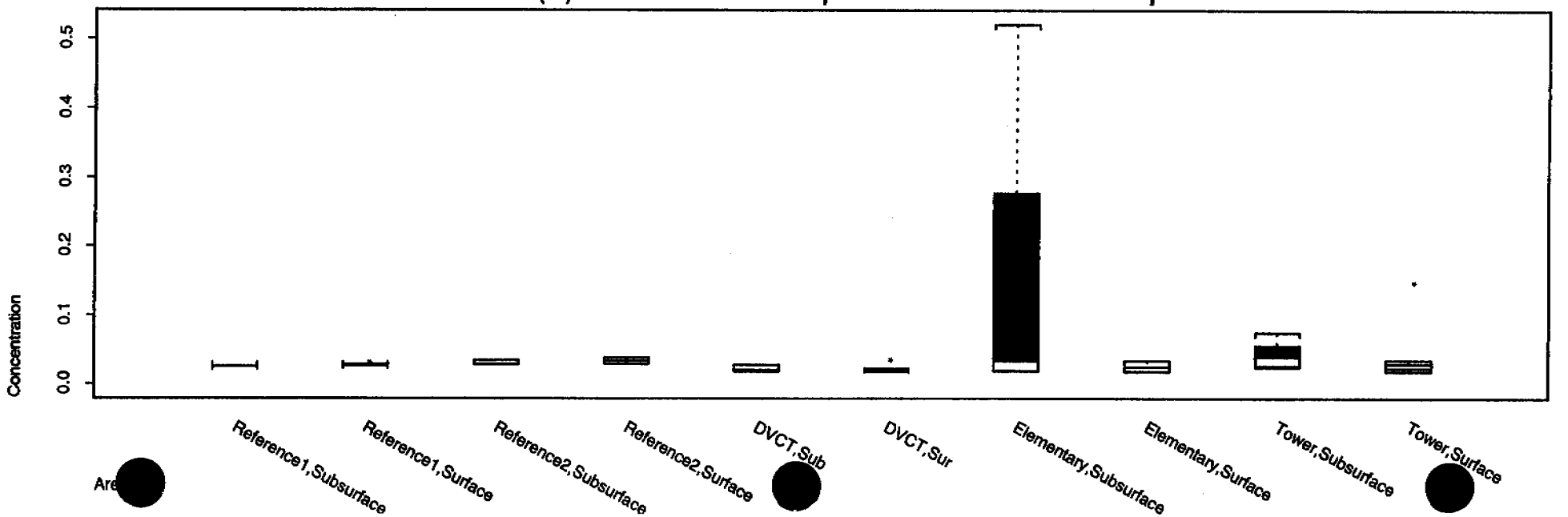

All Total TCDD Samples
Concentration
0.0
0.001
0.002
0.003
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Total TCDD Samples w/o TREND Samples
Concentration
0.0
0.001
0.002
0.003
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

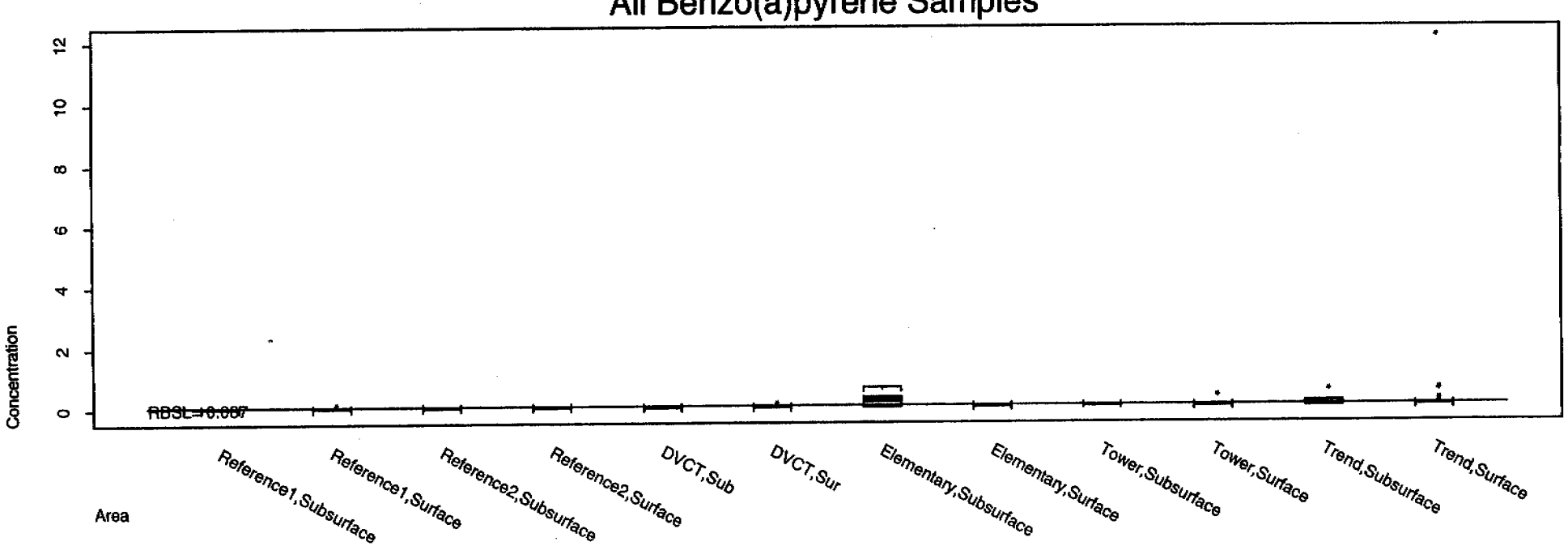

All Total TCDF Samples
Concentration
0.0
0.001
0.002
0.003
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Total TCDF Samples w/o TREND Samples
Concentration
0.0
0.0001
0.0003
0.0005
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

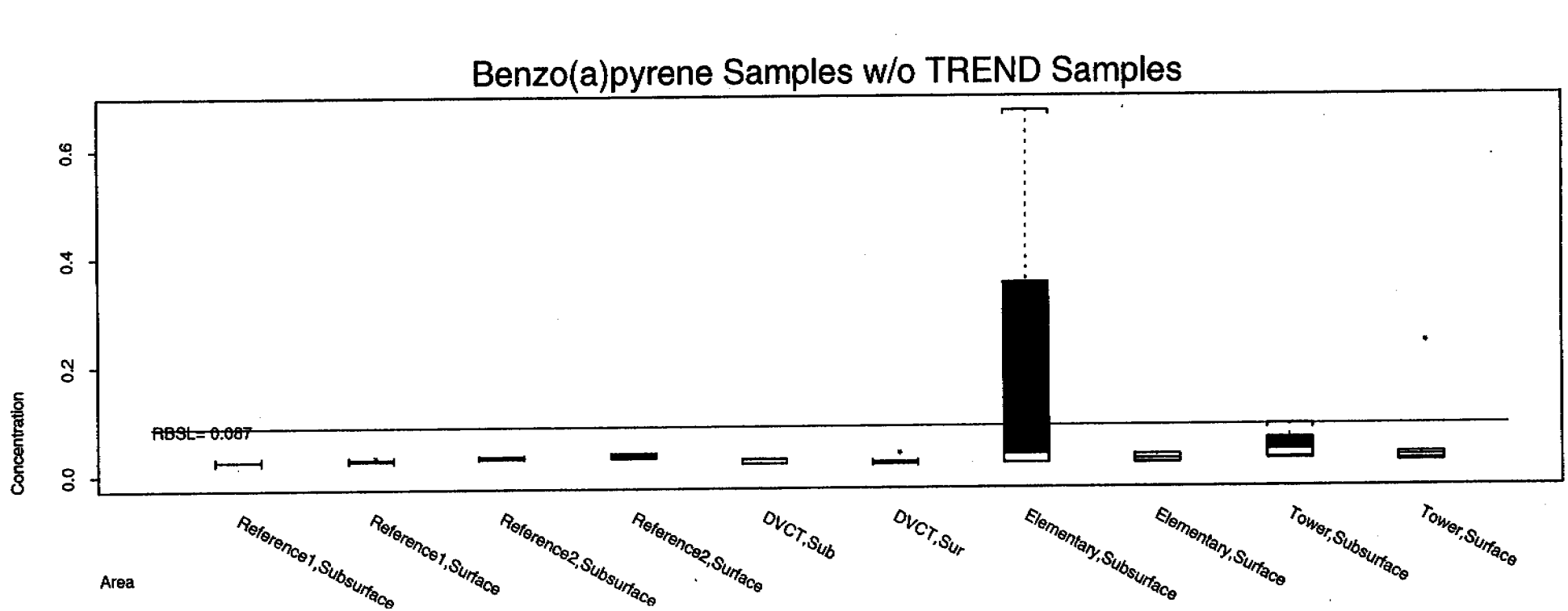

All Benzo(a)anthracene Samples
Concentration
0
2
4
6
8
10
RBSL= 0.87
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface

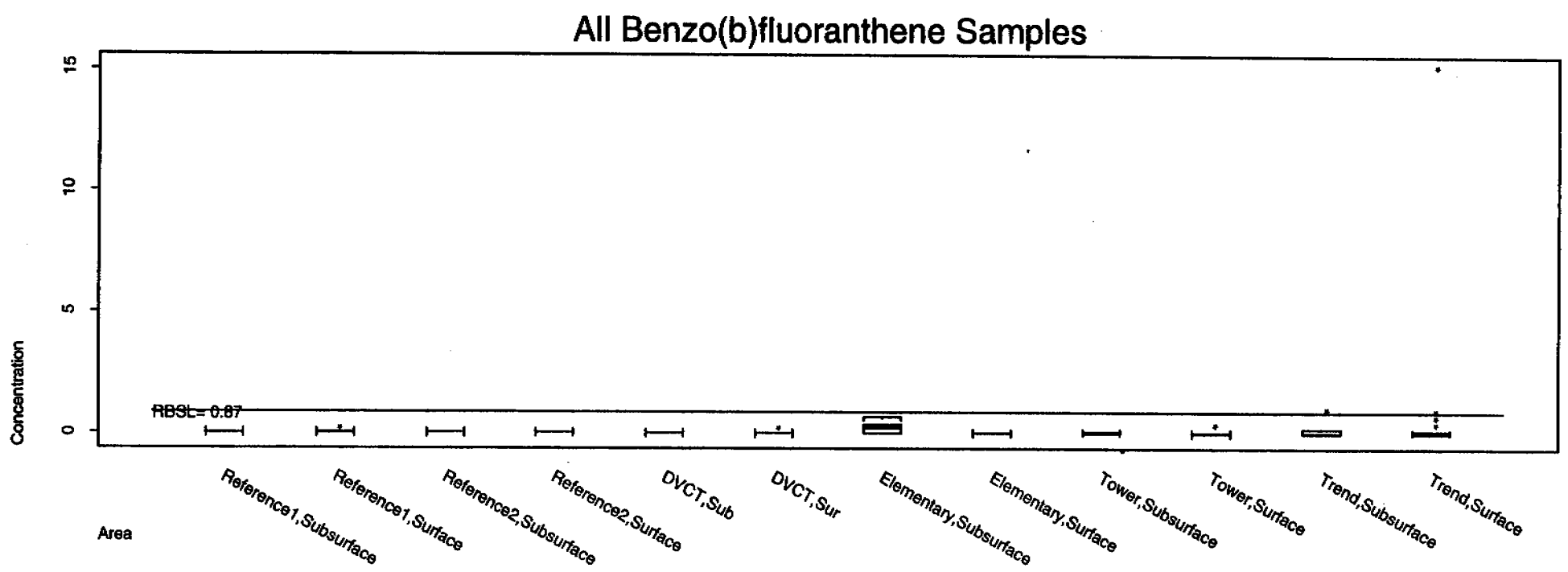

Benzo(a)anthracene Samples w/o TREND Samples
Concentration
0.0
0.1
0.2
0.3
0.4
0.5
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

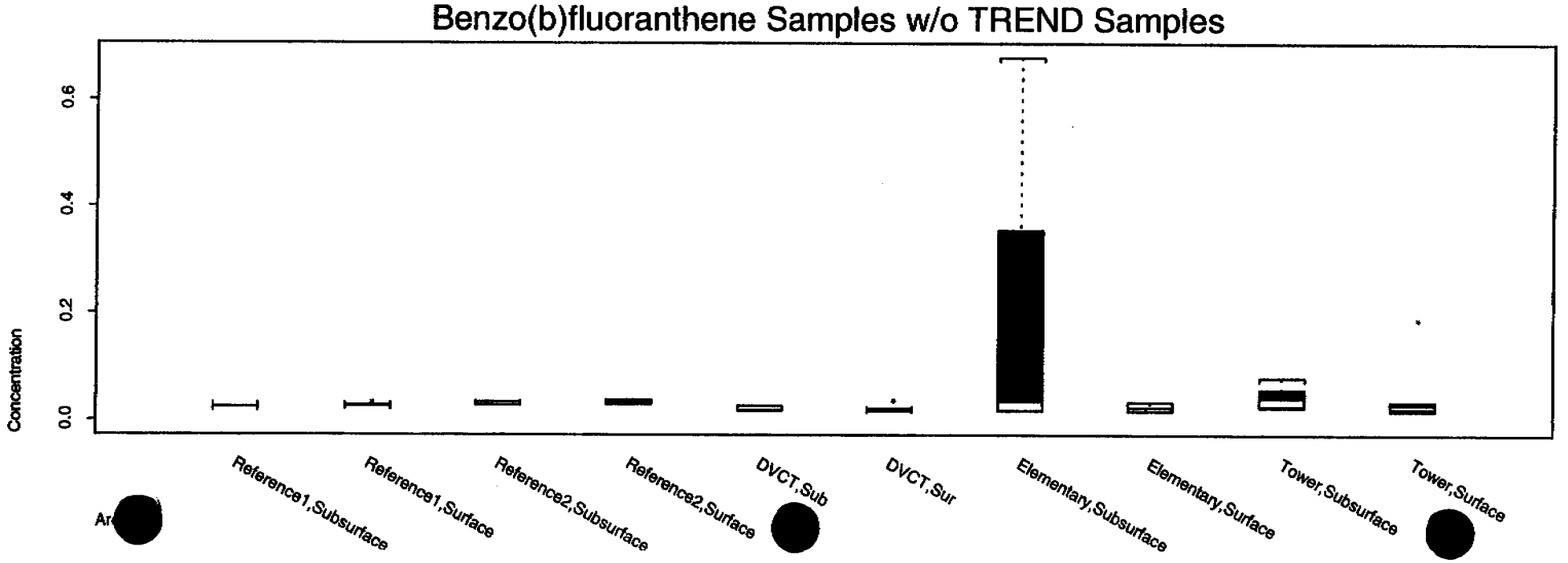
All Benzo(a)pyrene Samples

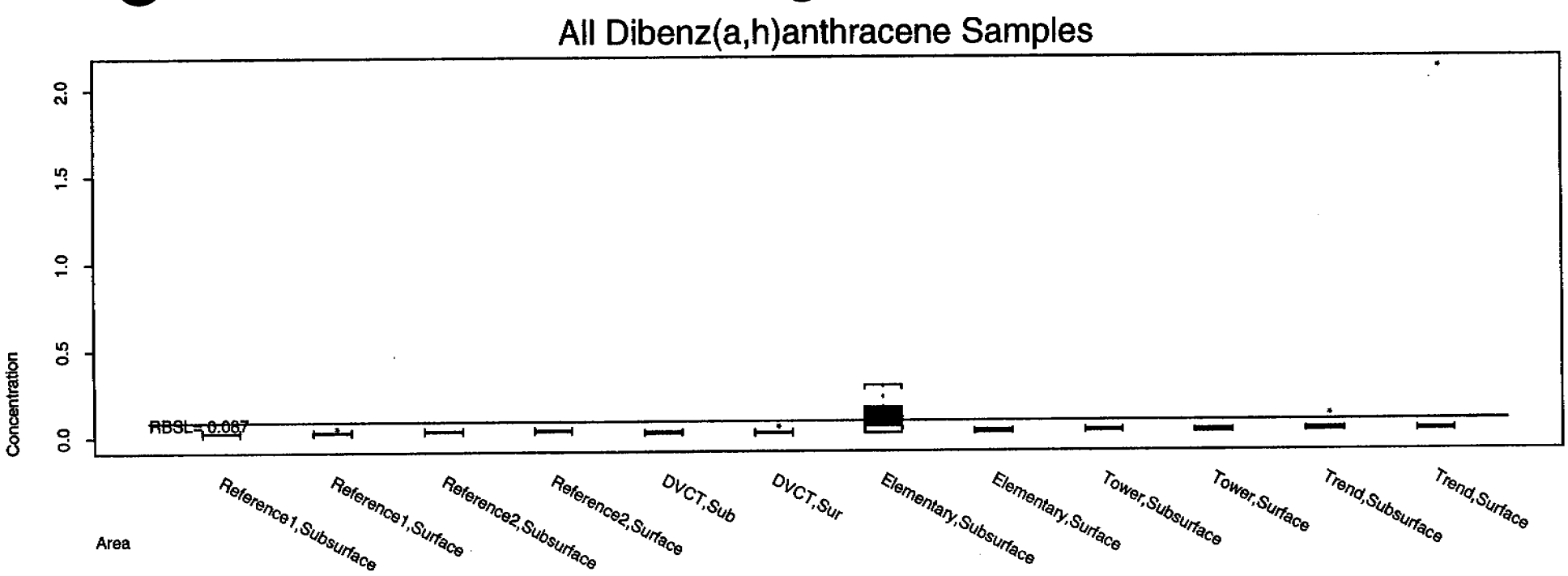


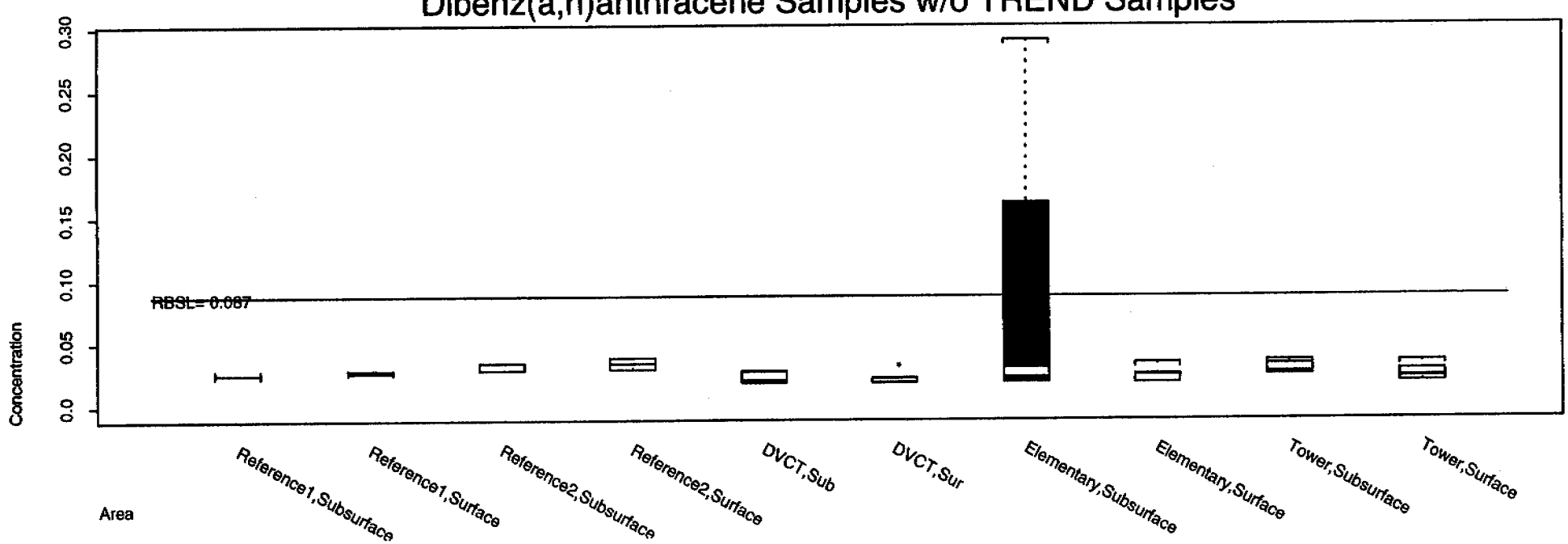
Benzo(a)pyrene Samples w/o TREND Samples



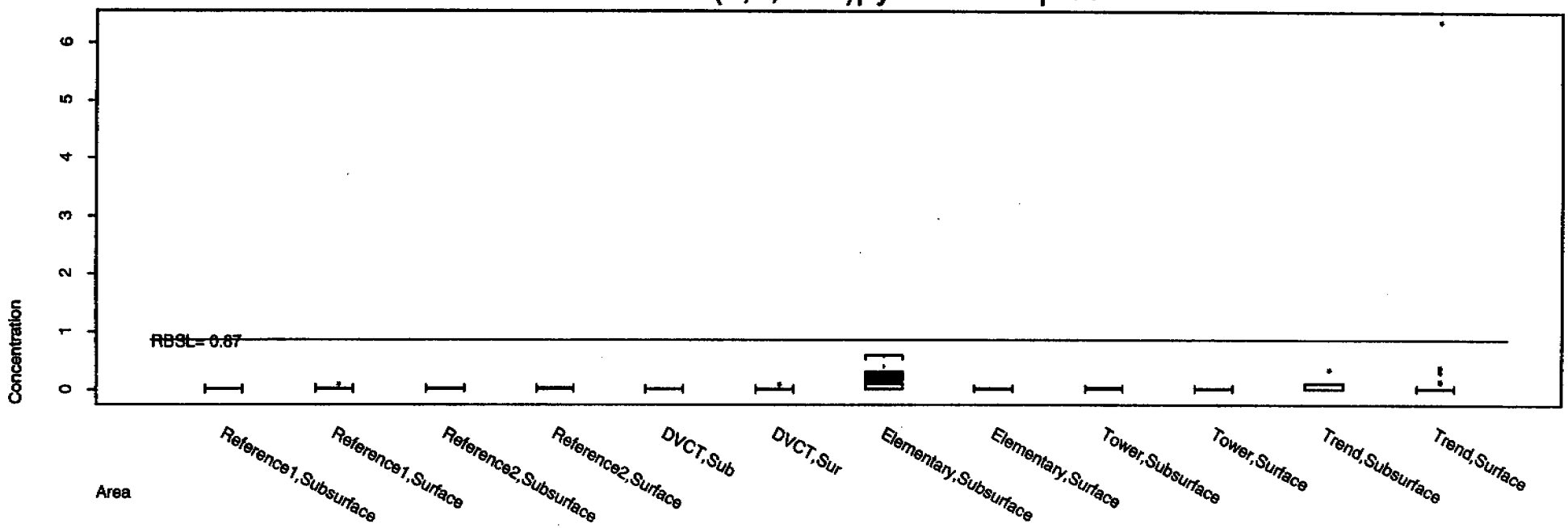

All Benzo(b)fluoranthene Samples
Concentration
0
5
10
15
RBSL= 0.87
Area
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface


Benzo(b)fluoranthene Samples w/o TREND Samples
Concentration
0.0
0.2
0.4
0.6
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface

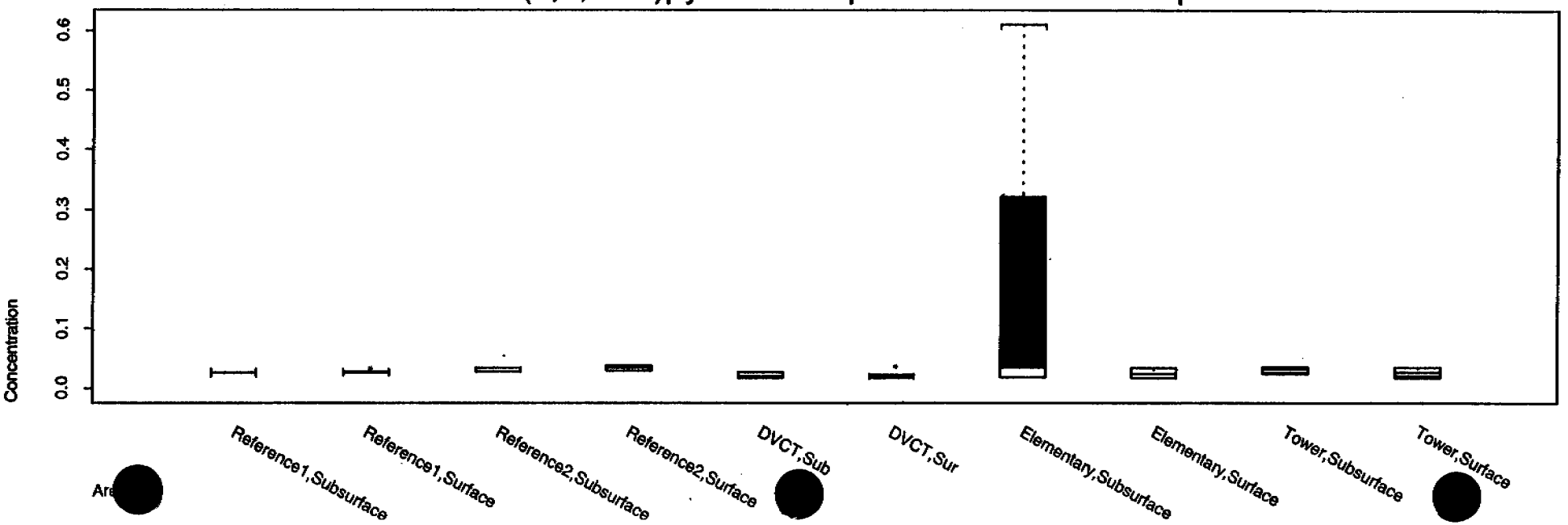

All Dibenz(a,h)anthracene Samples
Concentration
0.0
0.5
1.0
1.5
2.0
RBSL= 0.087
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Trend,Subsurface
Trend,Surface
Area


Dibenz(a,h)anthracene Samples w/o TREND Samples
Concentration
0.0
0.05
0.10
0.15
0.20
0.25
0.30
RBSL= 0.087
Reference1,Subsurface
Reference1,Surface
Reference2,Subsurface
Reference2,Surface
DVCT,Sub
DVCT,Sur
Elementary,Subsurface
Elementary,Surface
Tower,Subsurface
Tower,Surface
Area

All Indeno(1,2,3-cd)pyrene Samples



Indeno(1,2,3-cd)pyrene Samples w/o TREND Samples



Means Comparisons

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
1,2,3,4,6,7,8,9-OCDD	3/3	0.000035 to 0.00004	0.000038	2.329E-6	3/3	0.000123 to 0.000755
1,2,3,4,6,7,8,9-OCDF	3/3	3.9E-6 to 4.6E-6	4.333E-6	3.786E-7	3/3	0.000018 to 0.000062
1,2,3,4,6,7,8-HpCDD	3/3	5.7E-6 to 6E-6	5.867E-6	1.528E-7	3/3	0.000023 to 0.000104
1,2,3,4,6,7,8-HpCDF	3/3	4.7E-6 to 5.1E-6	4.867E-6	2.082E-7	3/3	0.000011 to 0.000043
1,2,3,4,7,8,9-HpCDF	1/3	1E-6 to 1E-6	4.667E-7	4.646E-7	2/3	4.6E-6 to 7.7E-6
1,2,3,4,7,8-HxCDD	0/3	ND to ND	1.5E-7	5E-8	2/3	1.2E-6 to 2.5E-6
1,2,3,4,7,8-HxCDF	3/3	1.9E-6 to 2.1E-6	2.033E-6	1.155E-7	3/3	2.9E-6 to 0.000014
1,2,3,6,7,8-HxCDD	3/3	1.2E-6 to 1.5E-6	1.367E-6	1.528E-7	2/3	4.5E-6 to 7.9E-6
1,2,3,6,7,8-HxCDF	3/3	8.5E-7 to 1.1E-6	9.7E-7	1.253E-7	3/3	1.1E-6 to 6E-6
1,2,3,7,8,9-HxCDD	3/3	4E-6 to 5.3E-6	4.867E-6	7.506E-7	3/3	6.3E-6 to 0.000012
1,2,3,7,8,9-HxCDF	0/3	ND to ND	1.833E-7	2.887E-8	1/3	5.5E-7 to 5.5E-7

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
1,2,3,4,6,7,8,9-OCDD	0.000362	0.000343	Nonparametric	0.1413	NS
1,2,3,4,6,7,8,9-OCDF	0.000036	0.000023	Nonparametric	0.1413	NS
1,2,3,4,6,7,8-HpCDD	0.000053	0.000044	Nonparametric	0.1413	NS
1,2,3,4,6,7,8-HpCDF	0.000025	0.000016	Nonparametric	0.1413	NS
1,2,3,4,7,8,9-HpCDF	4.2E-6	3.716E-6	Nonparametric	0.2474	NS
1,2,3,4,7,8-HxCDD	1.333E-6	1.106E-6	All NDs/NULL in REF1		
1,2,3,4,7,8-HxCDF	8.233E-6	5.401E-6	Nonparametric	0.1367	NS
1,2,3,6,7,8-HxCDD	4.45E-6	3.475E-6	Nonparametric	0.6807	NS
1,2,3,6,7,8-HxCDF	3.6E-6	2.452E-6	Nonparametric	0.1819	NS
1,2,3,7,8,9-HxCDD	9.733E-6	2.994E-6	Nonparametric	0.1367	NS
1,2,3,7,8,9-HxCDF	3.5E-7	1.803E-7	All NDs/NULL in REF1		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
1,2,3,7,8-PeCDD	3/3	1.3E-6 to 1.6E-6	1.467E-6	1.528E-7	3/3	8.9E-7 to 3.1E-6
1,2,3,7,8-PeCDF	3/3	5.4E-7 to 8E-7	6.667E-7	1.301E-7	3/3	9.5E-7 to 3.4E-6
1,2,4-Trichlorobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND
1,2-Dichlorobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND
1,3-Dichlorobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND
1,4-Dichlorobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND
2,2'-oxybis(1-chloropropane)	0/3	ND to ND	0.0255	0	0/3	ND to ND
2,3,4,6,7,8-HxCDF	3/3	1.8E-6 to 2.2E-6	2E-6	2E-7	3/3	2.5E-6 to 0.000014
2,3,4,7,8-PeCDF	3/3	8.8E-7 to 1.2E-6	1.06E-6	1.637E-7	3/3	1.1E-6 to 4.4E-6
2,3,7,8-TCDD	0/3	ND to ND	1.5E-7	0	0/3	ND to ND
2,3,7,8-TCDF	3/3	7.9E-7 to 9.9E-7	9.067E-7	1.041E-7	3/3	8.5E-7 to 4E-6

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
1,2,3,7,8-PeCDD	2.263E-6	1.199E-6	Nonparametric	0.6807	NS
1,2,3,7,8-PeCDF	2.117E-6	1.229E-6	Nonparametric	0.1413	NS
1,2,4-Trichlorobenzene	0.0315	0.003122	NO good		
1,2-Dichlorobenzene	0.0315	0.003122	NO good		
1,3-Dichlorobenzene	0.0315	0.003122	NO good		
1,4-Dichlorobenzene	0.0315	0.003122	NO good		
2,2'-oxybis(1-chloropropane)	0.0315	0.003122	NO good		
2,3,4,6,7,8-HxCDF	8.067E-6	5.501E-6	Nonparametric	0.1413	NS
2,3,4,7,8-PeCDF	2.867E-6	1.662E-6	Nonparametric	0.3187	NS
2,3,7,8-TCDD	2.5E-7	8.66E-8	NO good		
2,3,7,8-TCDF	2.217E-6	1.616E-6	Nonparametric	0.4227	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
2,4,5-Trichlorophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,4,6-Trichlorophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,4-Dichlorophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,4-Dimethylphenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,4-Dinitrophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,4-Dinitrotoluene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2,6-Dinitrotoluene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2-Chloronaphthalene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2-Chlorophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2-Methylnaphthalene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2-Nitroaniline	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
2-Nitrophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
3,3'-Dichlorobenzidine	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
3-Nitroaniline	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4,4'-DDD	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
4,4'-DDE	3/3	0.00099 to 0.0058	0.00263	0.002746	3/3	0.0014 to 0.01	0.005967	0.004325	Nonparametric	0.2474	NS
4,4'-DDT	2/3	0.0008 to 0.0017	0.000875	0.00079	3/3	0.0023 to 0.0073	0.005333	0.002665	Nonparametric	0.1413	NS
4,6-Dinitro-2-methylphenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Bromophenyl-phenylether	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Chloro-3-methylphenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Chloroaniline	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Chlorophenyl-phenylether	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Nitroanaline	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
4-Nitrophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Acenaphthene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Acenaphthylene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Aldrin	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Aluminum	3/3	52300 to 57700	54100	3117.691	3/3	58200 to 108000	84000	24948.75	Nonparametric	0.1367	NS
Anthracene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Antimony	2/3	1 to 1.5	0.933333	0.602771	3/3	1.1 to 2.2	1.633333	0.550757	Nonparametric	0.2474	NS
Aroclor-1016	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1221	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1232	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1242	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1248	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1254	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Aroclor-1260	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Arsenic	3/3	1.3 to 2.6	2.033333	0.665833	3/3	3.6 to 5.9	4.766667	1.150362	Nonparametric	0.1413	NS
Barium	3/3	67.9 to 72.3	69.86667	2.236813	3/3	73.7 to 198	122.6	66.25187	Nonparametric	0.1413	NS
Benzo(a)anthracene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Benzo(a)pyrene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Benzo(b)fluoranthene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Benzo(g,h,i)perylene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Benzo(k)fluoranthene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Beryllium	0/3	ND to ND	0.098333	0.002887	1/3	0.26 to 0.26	0.166667	0.082209	All NDs/NULL in REF1		
Butylbenzylphthalate	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Cadmium	3/3	0.47 to 0.53	0.49	0.034641	3/3	1 to 1.4	1.133333	0.23094	Nonparametric	0.1321	NS
Calcium	3/3	9380 to 11600	10726.67	1183.272	3/3	3890 to 8180	5720	2213.301	Nonparametric	0.1413	NS
Carbazole	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Chloride	3/3	2.25 to 9.64	5.396667	3.815106	1/1	3.38 to 3.38	3.38	.	Nonparametric	1.0000	NS
Chromium	3/3	24.9 to 30.8	27.13333	3.200521	3/3	29.7 to 50.6	43.23333	11.73556	Nonparametric	0.2474	NS
Chrysene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Cobalt	3/3	22.2 to 25	23.33333	1.474223	3/3	25.5 to 42.4	34.03333	8.451233	Nonparametric	0.1413	NS
Copper	3/3	103 to 116	107.6667	7.234178	3/3	125 to 189	164.3333	34.42867	Nonparametric	0.1413	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Cyanide	1/3	0.39 to 0.39	0.248333	0.122712	1/3	1.4 to 1.4	0.615	0.680055	Nonparametric	0.4227	NS
Dibenz(a,h)anthracene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Dibenzofuran	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Dieldrin	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Diethylphthalate	1/3	0.058 to 0.058	0.036333	0.018764	0/3	ND to ND	0.0315	0.003122	All NDs/NULL in REF2		
Dimethylphthalate	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Endosulfan I	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Endosulfan II	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Endosulfan sulfate	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Endrin	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Endrin aldehyde	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Endrin ketone	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Fluoranthene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Fluorene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Fluoride	0/3	ND to ND	0.19	0	0/1	ND to ND	0.205	.	NO good		
Heptachlor	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Heptachlor epoxide	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND	0.000158	0.000016	NO good		
Hexachloro-1,3-butadiene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Hexachlorobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Hexachlorocyclopentadiene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Hexachloroethane	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Indeno(1,2,3-cd)pyrene	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Iron	3/3	45100 to 51800	47666.67	3614.323	3/3	51400 to 87500	71166.67	18293.26	Nonparametric	0.2474	NS
Isophorone	0/3	ND to ND	0.0255	0	0/3	ND to ND	0.0315	0.003122	NO good		
Lead	3/3	5.4 to 8.7	7.333333	1.721434	3/3	15.4 to 48.1	27.63333	17.83713	Nonparametric	0.1413	NS
Magnesium	3/3	10900 to 12200	11700	700	3/3	11200 to 14500	12400	1824.829	Nonparametric	1.0000	NS
Manganese	3/3	800 to 890	830.6667	51.3939	3/3	933 to 1530	1271	306.2401	Nonparametric	0.1413	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Mercury	3/3	0.02 to 0.04	0.03	0.01	3/3	0.08 to 0.22
Methoxychlor	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
N-Nitroso-di-n-propylamine	0/3	ND to ND	0.0255	0	0/3	ND to ND
N-Nitrosodiphenylamine	0/3	ND to ND	0.0255	0	0/3	ND to ND
Naphthalene	0/3	ND to ND	0.0255	0	0/3	ND to ND
Nickel	3/3	28.5 to 32.9	30.76667	2.203028	3/3	33.2 to 47.9
Nitrate	3/3	3.5 to 6.74	4.776667	1.725698	1/1	7.16 to 7.16
Nitrobenzene	0/3	ND to ND	0.0255	0	0/3	ND to ND
Pentachlorophenol	0/3	ND to ND	0.0255	0	0/3	ND to ND
Phenanthrene	0/3	ND to ND	0.0255	0	0/3	ND to ND
Phenol	0/3	ND to ND	0.0255	0	0/3	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Mercury	0.133333	0.075719	Nonparametric	0.1413	NS
Methoxychlor	0.000158	0.000016	NO good		
N-Nitroso-di-n-propylamine	0.0315	0.003122	NO good		
N-Nitrosodiphenylamine	0.0315	0.003122	NO good		
Naphthalene	0.0315	0.003122	NO good		
Nickel	42.4	8.018105	Nonparametric	0.1413	NS
Nitrate	7.16	.	Nonparametric	0.4370	NS
Nitrobenzene	0.0315	0.003122	NO good		
Pentachlorophenol	0.0315	0.003122	NO good		
Phenanthrene	0.0315	0.003122	NO good		
Phenol	0.0315	0.003122	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Potassium	3/3	263 to 285	273.3333	11.06044	3/3	290 to 371
Pyrene	0/3	ND to ND	0.0255	0	0/3	ND to ND
Selenium	2/3	0.58 to 0.6	0.458333	0.228272	1/3	0.88 to 0.88
Silver	0/3	ND to ND	0.098333	0.002887	3/3	0.33 to 1.3
Sodium	3/3	1750 to 2030	1890	140	3/3	326 to 1080
Thallium	2/3	1.4 to 1.7	1.165	0.683502	3/3	1.3 to 5.6
Total HpCDD	3/3	0.00001 to 0.000013	0.000012	1.418E-6	3/3	0.000043 to 0.000178
Total HpCDF	3/3	5.6E-6 to 0.00001	7.933E-6	2.212E-6	3/3	0.000021 to 0.000089
Total HxCDD	3/3	0.000014 to 0.000019	0.000017	2.706E-6	3/3	0.000026 to 0.00007
Total HxCDF	3/3	8.7E-6 to 0.000012	0.00001	1.493E-6	3/3	0.000014 to 0.000075
Total PeCDD	3/3	1.6E-6 to 4.9E-6	3.3E-6	1.652E-6	3/3	2.3E-6 to 0.000019

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Potassium	317.6667	46.19885	Nonparametric	0.1413	NS
Pyrene	0.0315	0.003122	NO good		
Selenium	0.47	0.35507	Nonparametric	1.0000	NS
Silver	0.733333	0.505206	All NDs/NULL in REF1		
Sodium	609.3333	410.4258	Nonparametric	0.1413	NS
Thallium	3.366667	2.15484	Nonparametric	0.4227	NS
Total HpCDD	0.000094	0.000073	Nonparametric	0.1413	NS
Total HpCDF	0.000051	0.000034	Nonparametric	0.1413	NS
Total HxCDD	0.000048	0.000022	Nonparametric	0.1413	NS
Total HxCDF	0.000042	0.00003	Nonparametric	0.1413	NS
Total PeCDD	0.000011	8.4E-6	Nonparametric	0.4227	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Total PeCDF	3/3	7.4E-6 to 0.000012	9.733E-6	2.35E-6	3/3	8.4E-6 to 0.000041
Total TCDD	3/3	1.7E-6 to 2.3E-6	1.9E-6	3.464E-7	3/3	2E-6 to 0.000011
Total TCDF	3/3	4.9E-6 to 0.000013	8.967E-6	4.206E-6	3/3	8.6E-6 to 0.00004
Toxaphene	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
Vanadium	3/3	185 to 219	197.6667	18.58315	3/3	213 to 355
Zinc	3/3	40 to 48.6	44.33333	4.300388	3/3	68.6 to 190
alpha-BHC	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
alpha-Chlordane	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
beta-BHC	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
bis(2-Chloroethoxy)methane	0/3	ND to ND	0.0255	0	0/3	ND to ND
bis(2-Chloroethyl)ether	0/3	ND to ND	0.0255	0	0/3	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Total PeCDF	0.000025	0.000016	Nonparametric	0.4227	NS
Total TCDD	5.1E-6	4.776E-6	Nonparametric	0.2414	NS
Total TCDF	0.000025	0.000016	Nonparametric	0.4227	NS
Toxaphene	0.000158	0.000016	NO good		
Vanadium	298	75.02666	Nonparametric	0.2474	NS
Zinc	124.8667	61.18377	Nonparametric	0.1413	NS
alpha-BHC	0.000158	0.000016	NO good		
alpha-Chlordane	0.000158	0.000016	NO good		
beta-BHC	0.000158	0.000016	NO good		
bis(2-Chloroethoxy)methane	0.0315	0.003122	NO good		
bis(2-Chloroethyl)ether	0.0315	0.003122	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Subsurface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
bis(2-Ethylhexyl)phthalate	0/3	ND to ND	0.0255	0	0/3	ND to ND
delta-BHC	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
di-n-Butylphthalate	1/3	0.077 to 0.077	0.042667	0.029734	1/3	0.32 to 0.32
di-n-Octylphthalate	0/3	ND to ND	0.0255	0	0/3	ND to ND
gamma-BHC(Lindane)	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
gamma-Chlordane	0/3	ND to ND	0.000127	2.887E-6	0/3	ND to ND
o-Cresol	0/3	ND to ND	0.0255	0	0/3	ND to ND
p-Cresol	0/3	ND to ND	0.0255	0	0/3	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
bis(2-Ethylhexyl)phthalate	0.0315	0.003122	NO good		
delta-BHC	0.000158	0.000016	NO good		
di-n-Butylphthalate	0.128833	0.165557	Nonparametric	0.4164	NS
di-n-Octylphthalate	0.0315	0.003122	NO good		
gamma-BHC(Lindane)	0.000158	0.000016	NO good		
gamma-Chlordane	0.000158	0.000016	NO good		
o-Cresol	0.0315	0.003122	NO good		
p-Cresol	0.0315	0.003122	NO good		

N = 144

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
1,2,3,4,6,7,8,9-OCDD	6/6	0.000257 to 0.000757	0.000493	0.000186	6/6	0.000307 to 0.00161
1,2,3,4,6,7,8,9-OCDF	6/6	0.000038 to 0.000136	0.000075	0.000037	6/6	0.000036 to 0.000181
1,2,3,4,6,7,8-HpCDD	6/6	0.000054 to 0.000156	0.00009	0.000039	6/6	0.00005 to 0.000211
1,2,3,4,6,7,8-HpCDF	6/6	0.000042 to 0.000172	0.000081	0.000048	6/6	0.000035 to 0.000133
1,2,3,4,7,8,9-HpCDF	6/6	5E-6 to 0.000028	0.000012	8.08E-6	6/6	8.4E-6 to 0.000032
1,2,3,4,7,8-HxCDD	6/6	2.5E-6 to 9E-6	4.633E-6	2.443E-6	6/6	3.7E-6 to 9E-6
1,2,3,4,7,8-HxCDF	6/6	0.000019 to 0.000098	0.00004	0.00003	6/6	0.000015 to 0.000058
1,2,3,6,7,8-HxCDD	6/6	5.6E-6 to 0.00002	0.00001	5.058E-6	6/6	6.6E-6 to 0.000019
1,2,3,6,7,8-HxCDF	6/6	8E-6 to 0.000041	0.000017	0.000012	6/6	7.2E-6 to 0.000024
1,2,3,7,8,9-HxCDD	6/6	8.2E-6 to 0.000023	0.000015	5.735E-6	6/6	0.00002 to 0.00003
1,2,3,7,8,9-HxCDF	6/6	8.8E-7 to 3.8E-6	1.457E-6	1.15E-6	6/6	6.8E-7 to 3.6E-6

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
1,2,3,4,6,7,8,9-OCDD	0.000952	0.000443	Normal	0.0534	NS
1,2,3,4,6,7,8,9-OCDF	0.000112	0.000047	Normal	0.1576	NS
1,2,3,4,6,7,8-HpCDD	0.000145	0.000056	Normal	0.0803	NS
1,2,3,4,6,7,8-HpCDF	0.00009	0.000032	Normal	0.7309	NS
1,2,3,4,7,8,9-HpCDF	0.00002	7.845E-6	Normal	0.0988	NS
1,2,3,4,7,8-HxCDD	6.733E-6	1.857E-6	Normal	0.1268	NS
1,2,3,4,7,8-HxCDF	0.000039	0.000014	Nonparametric	0.5858	NS
1,2,3,6,7,8-HxCDD	0.000013	4.016E-6	Normal	0.2683	NS
1,2,3,6,7,8-HxCDF	0.000016	5.281E-6	Nonparametric	0.6966	NS
1,2,3,7,8,9-HxCDD	0.000024	3.313E-6	Normal	0.0087	S 2
1,2,3,7,8,9-HxCDF	1.813E-6	9.993E-7	Nonparametric	0.3195	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
1,2,3,7,8-PeCDD	6/6	3.2E-6 to 9.8E-6	5.017E-6	2.456E-6	6/6	3.7E-6 to 7.3E-6
1,2,3,7,8-PeCDF	6/6	3.8E-6 to 0.00002	9.2E-6	5.777E-6	6/6	3.7E-6 to 0.000013
1,2,4-Trichlorobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
1,2-Dichlorobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
1,3-Dichlorobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
1,4-Dichlorobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
2,2'-oxybis(1-chloropropane)	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
2,3,4,6,7,8-HxCDF	6/6	0.000015 to 0.000101	0.000039	0.000032	6/6	0.000015 to 0.000055
2,3,4,7,8-PeCDF	6/6	6.3E-6 to 0.000037	0.000016	0.000011	6/6	5.6E-6 to 0.000018
2,3,7,8-TCDD	5/6	4.7E-7 to 1.5E-6	7.317E-7	4.508E-7	6/6	3.9E-7 to 1.1E-6
2,3,7,8-TCDF	6/6	3.6E-6 to 0.000021	0.000011	5.879E-6	6/6	2.2E-6 to 0.000011

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
1,2,3,7,8-PeCDD	5.617E-6	1.196E-6	Nonparametric	0.2007	NS
1,2,3,7,8-PeCDF	8.95E-6	3.044E-6	Normal	0.9277	NS
1,2,4-Trichlorobenzene	0.03475	0.003402	NO good		
1,2-Dichlorobenzene	0.03475	0.003402	NO good		
1,3-Dichlorobenzene	0.03475	0.003402	NO good		
1,4-Dichlorobenzene	0.03475	0.003402	NO good		
2,2'-oxybis(1-chloropropane)	0.03475	0.003402	NO good		
2,3,4,6,7,8-HxCDF	0.000036	0.000013	Nonparametric	0.5864	NS
2,3,4,7,8-PeCDF	0.000012	3.928E-6	Nonparametric	0.5343	NS
2,3,7,8-TCDD	8.05E-7	2.494E-7	Normal	0.7366	NS
2,3,7,8-TCDF	7.85E-6	2.972E-6	Normal	0.2778	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
2,4,5-Trichlorophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,4,6-Trichlorophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,4-Dichlorophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,4-Dimethylphenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,4-Dinitrophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,4-Dinitrotoluene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2,6-Dinitrotoluene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2-Chloronaphthalene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2-Chlorophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2-Methylnaphthalene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2-Nitroaniline	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
2-Nitrophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
3,3'-Dichlorobenzidine	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
3-Nitroaniline	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4,4'-DDD	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
4,4'-DDE	6/6	0.00086 to 0.99	0.195527	0.393353	6/6	0.0033 to 0.071	0.022083	0.025564	Nonparametric	0.8146	NS
4,4'-DDT	5/6	0.0069 to 0.2	0.044756	0.077531	6/6	0.0025 to 0.024	0.010067	0.00791	Nonparametric	0.8146	NS
4,6-Dinitro-2-methylphenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Bromophenyl-phenylether	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Chloro-3-methylphenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Chloroaniline	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Chlorophenyl-phenylether	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Nitroanaline	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
4-Nitrophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Acenaphthene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Acenaphthylene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Aldrin	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Aluminum	6/6	39900 to 57200	49633.33	6566.785	6/6	58200 to 84200	73150	9395.265	Normal	0.0007	S 2
Anthracene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Antimony	6/6	1.4 to 2.4	1.633333	0.377712	6/6	1.6 to 2.7	2.016667	0.371035	Nonparametric	0.0685	NS
Aroclor-1016	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1221	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1232	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1242	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1248	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1254	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Aroclor-1260	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Arsenic	6/6	2.9 to 5.2	3.783333	0.770498	6/6	4.5 to 8.2	6.1	1.391402	Normal	0.0076	S 2
Barium	6/6	60.2 to 96.9	75.85	14.65643	6/6	66.1 to 105	79.81667	13.73847	Normal	0.6391	NS
Benzo(a)anthracene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Benzo(a)pyrene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Benzo(b)fluoranthene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Benzo(g,h,i)perylene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Benzo(k)fluoranthene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Beryllium	1/6	0.25 to 0.25	0.124167	0.062082	1/6	0.23 to 0.23	0.1575	0.036297	Nonparametric	0.0907	NS
Butylbenzylphthalate	2/6	0.076 to 0.083	0.044167	0.027491	0/6	ND to ND	0.03475	0.003402	All NDs/NULL in REF2		
Cadmium	6/6	0.65 to 1	0.786667	0.128478	6/6	0.9 to 1.8	1.2	0.309839	Nonparametric	0.0225	S 2
Calcium	6/6	9420 to 12800	11016.67	1193.745	6/6	3030 to 9640	5893.333	2645.741	Normal	0.0035	S 1
Carbazole	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Chloride	6/6	1.56 to 3.76	2.255	0.784034	./.	ND to ND	.	.	All NDs/NULL in REF2		
Chromium	6/6	26.4 to 34.5	30.15	2.616677	6/6	32.5 to 54.4	43.3	7.759124	Normal	0.0074	S 2
Chrysene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Cobalt	6/6	19.6 to 24.9	22.26667	1.778389	6/6	23.7 to 33.9	29.06667	3.660965	Normal	0.0043	S 2
Copper	6/6	90 to 115	100.7333	9.039174	6/6	121 to 158	143.1667	14.04872	Normal	0.0002	S 2

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Cyanide	4/6	0.43 to 0.6	0.396667	0.184002	4/6	0.8 to 1.7	0.918333	0.636276	Normal	0.1034	NS
Dibenz(a,h)anthracene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Dibenzofuran	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Dieldrin	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Diethylphthalate	5/6	0.058 to 0.13	0.069167	0.033749	0/6	ND to ND	0.03475	0.003402	All NDs/NULL in REF2		
Dimethylphthalate	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Endosulfan I	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Endosulfan II	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Endosulfan sulfate	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Endrin	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Endrin aldehyde	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Endrin ketone	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Fluoranthene	2/6	0.055 to 0.06	0.036583	0.016317	0/6	ND to ND	0.03475	0.003402	All NDs/NULL in REF2		
Fluorene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Fluoride	1/6	0.763 to 0.763	0.2905	0.231637	./.	ND to ND	.	.	All NDs/NULL in REF2		
Heptachlor	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Heptachlor epoxide	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND	0.000173	0.000017	NO good		
Hexachloro-1,3-butadiene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Hexachlorobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Hexachlorocyclopentadiene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Hexachloroethane	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Indeno(1,2,3-cd)pyrene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Iron	6/6	38000 to 50600	44316.67	4385.62	6/6	49600 to 73300	62233.33	8159.575	Normal	0.0017	S 2
Isophorone	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND	0.03475	0.003402	NO good		
Lead	6/6	13.8 to 57.3	37.8	15.54902	6/6	22.5 to 55.3	45.08333	12.10825	Normal	0.3879	NS
Magnesium	6/6	11000 to 11700	11400	268.3282	6/6	7680 to 10900	9641.667	1084.886	Normal	0.0096	S 1
Manganese	6/6	682 to 875	796.6667	68.01961	6/6	945 to 1300	1147.5	125.7676	Normal	0.0004	S 2

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Mercury	6/6	0.06 to 0.14	0.111667	0.031252	6/6	0.07 to 0.22
Methoxychlor	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
N-Nitroso-di-n-propylamine	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
N-Nitrosodiphenylamine	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
Naphthalene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
Nickel	6/6	30.5 to 35.4	33.43333	1.624397	6/6	31.8 to 56.1
Nitrate	5/6	3.33 to 8.33	5.0625	2.802456	./.	ND to ND
Nitrobenzene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
Pentachlorophenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
Phenanthrene	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
Phenol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Mercury	0.17	0.051769	Nonparametric	0.0693	NS
Methoxychlor	0.000173	0.000017	NO good		
N-Nitroso-di-n-propylamine	0.03475	0.003402	NO good		
N-Nitrosodiphenylamine	0.03475	0.003402	NO good		
Naphthalene	0.03475	0.003402	NO good		
Nickel	41.6	9.021308	Normal	0.0776	NS
Nitrate	.	.	All NDs/NULL in REF2		
Nitrobenzene	0.03475	0.003402	NO good		
Pentachlorophenol	0.03475	0.003402	NO good		
Phenanthrene	0.03475	0.003402	NO good		
Phenol	0.03475	0.003402	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Potassium	6/6	362 to 525	409.5	63.09596	6/6	435 to 978
Pyrene	2/6	0.053 to 0.07	0.037917	0.019075	0/6	ND to ND
Selenium	6/6	0.43 to 0.61	0.541667	0.067946	3/6	1.1 to 1.2
Silver	6/6	0.27 to 0.61	0.366667	0.128478	6/6	0.33 to 0.63
Sodium	6/6	1470 to 1990	1758.333	182.4737	6/6	235 to 1040
Thallium	6/6	0.85 to 1.3	1.113333	0.189912	5/6	1.4 to 5.4
Total HpCDD	6/6	0.000107 to 0.000318	0.00018	0.000083	6/6	0.000101 to 0.000395
Total HpCDF	6/6	0.000079 to 0.000323	0.000152	0.000091	6/6	0.000066 to 0.000263
Total HxCDD	6/6	0.000069 to 0.000239	0.000125	0.000064	6/6	0.000106 to 0.000211
Total HxCDF	6/6	0.000096 to 0.000535	0.000213	0.000165	6/6	0.000079 to 0.000277
Total PeCDD	6/6	0.000025 to 0.000205	0.000062	0.000071	6/6	0.00002 to 0.000057

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Potassium	580	206.1077	Nonparametric	0.0611	NS
Pyrene	0.03475	0.003402	All NDs/NULL in REF2		
Selenium	0.708333	0.467051	Nonparametric	1.0000	NS
Silver	0.5	0.101193	Nonparametric	0.1203	NS
Sodium	488.8333	289.0207	Normal	0.0000	S 1
Thallium	2.891667	1.930393	Normal	0.0737	NS
Total HpCDD	0.000277	0.000101	Normal	0.1002	NS
Total HpCDF	0.000174	0.000064	Normal	0.6254	NS
Total HxCDD	0.000168	0.000036	Normal	0.1842	NS
Total HxCDF	0.000189	0.000063	Nonparametric	0.7544	NS
Total PeCDD	0.000041	0.000013	Nonparametric	0.6966	NS

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
Total PeCDF	6/6	0.000076 to 0.000608	0.000222	0.000196	6/6	0.000067 to 0.000197
Total TCDD	6/6	0.000021 to 0.000152	0.000055	0.000049	6/6	0.000014 to 0.000061
Total TCDF	6/6	0.00006 to 0.000522	0.000197	0.000166	6/6	0.000056 to 0.000136
Toxaphene	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
Vanadium	6/6	148 to 215	182.3333	23.05356	6/6	210 to 327
Zinc	6/6	71 to 156	106.8833	31.52741	6/6	120 to 183
alpha-BHC	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
alpha-Chlordane	1/6	0.00087 to 0.00087	0.000278	0.000296	0/6	ND to ND
beta-BHC	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
bis(2-Chloroethoxy)methane	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
bis(2-Chloroethyl)ether	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
Total PeCDF	0.000138	0.000044	Nonparametric	0.5858	NS
Total TCDD	0.00004	0.000017	Nonparametric	0.9376	NS
Total TCDF	0.000102	0.000028	Nonparametric	0.1564	NS
Toxaphene	0.000173	0.000017	NO good		
Vanadium	274.5	39.59167	Normal	0.0011	S 2
Zinc	153	24.34748	Normal	0.0187	S 2
alpha-BHC	0.000173	0.000017	NO good		
alpha-Chlordane	0.000173	0.000017	All NDs/NULL in REF2		
beta-BHC	0.000173	0.000017	NO good		
bis(2-Chloroethoxy)methane	0.03475	0.003402	NO good		
bis(2-Chloroethyl)ether	0.03475	0.003402	NO good		

Reference 1 Area vs. Reference 2 Area: Means Comparisons

DEPTH=Surface UNITS=mg/kg

(continued)

Analyte	REF1 Detect/N	REF1 Min-Max	REF1 Average	REF1 Std.Dev	REF2 Detect/N	REF2 Min-Max
bis(2-Ethylhexyl)phthalate	6/6	0.13 to 0.5	0.273333	0.137937	6/6	0.2 to 0.57
delta-BHC	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
di-n-Butylphthalate	6/6	0.099 to 0.28	0.1465	0.068742	6/6	0.075 to 0.51
di-n-Octylphthalate	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
gamma-BHC(Lindane)	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
gamma-Chlordane	0/6	ND to ND	0.000155	0.000061	0/6	ND to ND
o-Cresol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND
p-Cresol	0/6	ND to ND	0.026417	0.001357	0/6	ND to ND

Analyte	REF2 Average	REF2 Std.Dev	Type of Comparison	P-Value for Test	Test Conclusion
bis(2-Ethylhexyl)phthalate	0.281667	0.143027	Nonparametric	0.9374	NS
delta-BHC	0.000173	0.000017	NO good		
di-n-Butylphthalate	0.2225	0.178431	Nonparametric	0.6956	NS
di-n-Octylphthalate	0.03475	0.003402	NO good		
gamma-BHC(Lindane)	0.000173	0.000017	NO good		
gamma-Chlordane	0.000173	0.000017	NO good		
o-Cresol	0.03475	0.003402	NO good		
p-Cresol	0.03475	0.003402	NO good		

N = 144

Means Comparisons and UTL Statistics

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Child Development Center DEPTH=Subsurface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	1/3	0.24833	0.39 to 0.39	4/4	0.7275	0.37 to 0.97	0.390	3	Wilcoxon	0.0798	NS	0.1257

N = 1

---------- AOC=Child Development Center DEPTH=Subsurface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	3/3	54100.00	52300 to 57700	4/4	45000.00	22700 to 60300	57700	1	Wilcoxon	0.5679	NS	0.2358
Antimony	2/3	0.93	1 to 1.5	3/4	0.77	0.83 to 1.2	1.50	0	Wilcoxon	0.6925	NS	0.2554
Arsenic	3/3	2.03	1.3 to 2.6	4/4	3.30	2.4 to 4.3	2.60	3	Wilcoxon	0.0814	NS	0.1248
Barium	3/3	69.87	67.9 to 72.3	4/4	78.00	31.1 to 118	72.3	3	Wilcoxon	0.2054	NS	0.1562
Beryllium	0/3	0.10	ND to ND	0/4	0.09	ND to ND	NC	NC	None	NC	NC	NC
Cadmium	3/3	0.49	0.47 to 0.53	4/4	1.18	0.52 to 1.6	0.530	3	Wilcoxon	0.0782	NS	0.1267
Calcium	3/3	10726.67	9380 to 11600	4/4	15825.00	10900 to 27000	11600	3	Wilcoxon	0.1311	NS	0.1399
Chromium	3/3	27.13	24.9 to 30.8	4/4	21.63	11.2 to 29.3	30.8	0	Wilcoxon	0.7946	NS	0.2786
Cobalt	3/3	23.33	22.2 to 25	4/4	16.45	5.9 to 23.8	25.0	0	Wilcoxon	0.8689	NS	0.3028

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Copper	3/3	107.67	103 to 116	4/4	84.83	18.1 to 127	116	1	Wilcoxon	0.5672	NS	0.2333
Iron	3/3	47666.67	45100 to 51800	4/4	36975.00	17200 to 50100	51800	0	Wilcoxon	0.8689	NS	0.3028
Lead	3/3	7.33	5.4 to 8.7	4/4	12.80	3.5 to 19.1	8.70	3	Wilcoxon	0.2054	NS	0.1562
Magnesium	3/3	11700.00	10900 to 12200	4/4	8012.50	5210 to 9810	12200	0	Wilcoxon	0.9501	NS	0.3537
Manganese	3/3	830.67	800 to 890	4/4	673.50	283 to 939	890	1	Wilcoxon	0.5672	NS	0.2333
Mercury	3/3	0.03	0.02 to 0.04	3/4	0.07	0.05 to 0.12	0.0400	3	Wilcoxon	0.2054	NS	0.1562
Nickel	3/3	30.77	28.5 to 32.9	4/4	21.30	9.6 to 29.1	32.9	0	Wilcoxon	0.9186	NS	0.3278
Potassium	3/3	273.33	263 to 285	4/4	755.25	382 to 1370	285	4	Wilcoxon	0.0499	S	0.1109
Selenium	2/3	0.46	0.58 to 0.6	0/4	0.18	ND to ND	0.600	0	None	NC	NC	NC
Silver	0/3	0.10	ND to ND	1/4	0.12	0.18 to 0.18	NC	NC	None	NC	NC	NC
Sodium	3/3	1890.00	1750 to 2030	4/4	1680.00	1480 to 2100	2030	1	Wilcoxon	0.7946	NS	0.2786
Thallium	2/3	1.17	1.4 to 1.7	4/4	1.70	0.58 to 2.4	1.70	3	Wilcoxon	0.1311	NS	0.1399
Vanadium	3/3	197.67	185 to 219	4/4	141.03	56.1 to 207	219	0	Wilcoxon	0.8689	NS	0.3028
Zinc	3/3	44.33	40 to 48.6	4/4	67.35	35.1 to 88.2	48.6	3	Wilcoxon	0.2054	NS	0.1562

N = 23

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

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Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
4,4'-DDE	3/3	.0026300	0.00099 to 0.0058	3/4	0.049773	0.0022 to 0.19	0.00580	2	Wilcoxon	0.3075	NS	0.1737
4,4'-DDT	2/3	.0008750	0.0008 to 0.0017	3/4	0.029548	0.0025 to 0.11	0.00170	3	Wilcoxon	0.2054	NS	0.1562
Aldrin	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/3	.0001267	ND to ND	0/4	0.000115	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
alpha-Chlordane	0/3	.00012667	ND to ND	0/4	.000115	ND to ND	NC	NC	None	NC	NC	NC
beta-BHC	0/3	.00012667	ND to ND	0/4	.000115	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/3	.00012667	ND to ND	0/4	.000115	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/3	.00012667	ND to ND	0/4	.000115	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/3	.00012667	ND to ND	0/4	.000115	ND to ND	NC	NC	None	NC	NC	NC

N = 28

AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
2,2'-oxybis(1-chloropropane)	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Chlorophenyl-phenylether	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Acenaphthene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Carbazole	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	1/3	0.036333	0.058 to 0.058	0/4	0.023375	ND to ND	0.0580	0	None	NC	NC	NC
Dimethylphthalate	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Fluorene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorocyclopentadiene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/3	0.025500	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Isophorone	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	0/3	0.025500	ND to ND	3/4	0.10788	0.07 to 0.25	NC	NC	None	NC	NC	NC
di-n-Butylphthalate	1/3	0.042667	0.077 to 0.077	1/4	0.06175	0.18 to 0.18	0.0770	1	Wilcoxon	0.5679	NS	0.2358
di-n-Octylphthalate	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Surface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	5/6	5.0625	3.33 to 8.33	1/1	6.36	6.36 to 6.36	15.5	0	Wilcoxon	0.5000	NS	0.2123

N = 1

AOC=Child Development Center DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	4/6	0.39667	0.43 to 0.6	8/8	0.64	0.43 to 0.97	1.08	0	t-Test	0.0163	S	0.5927

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

P-Value for Test	Test Conclusion	Test Power (a)
0.2054	NS	0.1562
0.0499	S	0.1109
0.2054	NS	0.1562
0.0499	S	0.1109
0.1311	NS	0.1399
NC	NC	NC
0.0487	S	0.1116
0.5000	NS	0.2123
0.0487	S	0.1116
0.5000	NS	0.2145
NC	NC	NC
0.5000	NS	0.2123
0.0499	S	0.1109
0.2512	NS	0.1663
0.0487	S	0.1116
NC	NC	NC
0.0499	S	0.1109
0.1628	NS	0.1492
0.0499	S	0.1109
0.4328	NS	0.1924
0.0499	S	0.1109
0.0814	NS	0.1248
0.0814	NS	0.1248

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Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Child Development Center DEPTH=Surface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	6/6	49633.33	39900 to 57200	8/8	23291.25	7240 to 44000	74000	0	t-Test	0.9998	NS	0.9901
Antimony	6/6	1.63	1.4 to 2.4	3/8	0.55	0.63 to 1.8	2.40	0	Wilcoxon	0.9838	NS	0.3310
Arsenic	6/6	3.78	2.9 to 5.2	8/8	2.96	1.1 to 3.7	6.64	0	Wilcoxon	0.9539	NS	0.3016
Barium	6/6	75.85	60.2 to 96.9	8/8	35.26	13.7 to 79.6	130	0	t-Test	0.9989	NS	0.9392
Beryllium	1/6	0.12	0.25 to 0.25	1/8	0.10	0.21 to 0.21	0.250	0	Wilcoxon	0.9484	NS	0.2984
Cadmium	6/6	0.79	0.65 to 1	7/8	0.59	0.27 to 1.1	1.26	0	t-Test	0.9120	NS	0.7814
Calcium	6/6	11016.67	9420 to 12800	8/8	9177.50	4520 to 12200	15400	0	t-Test	0.9430	NS	0.9970
Chromium	6/6	30.15	26.4 to 34.5	8/8	12.90	5 to 26.1	39.9	0	t-Test	0.9999	NS	0.9957
Cobalt	6/6	22.27	19.6 to 24.9	8/8	8.53	2.3 to 17.3	28.9	0	t-Test	0.9999	NS	0.9967
Copper	6/6	100.73	90 to 115	8/8	38.59	8.2 to 92	134	0	t-Test	0.9997	NS	0.9672
Iron	6/6	44316.67	38000 to 50600	8/8	20828.75	6130 to 38700	60600	0	t-Test	0.9998	NS	0.9962
Lead	6/6	37.80	13.8 to 57.3	8/8	12.61	3.1 to 23.8	95.5	0	t-Test	0.9958	NS	0.8705
Magnesium	6/6	11400.00	11000 to 11700	8/8	4320.00	1420 to 7400	12400	0	t-Test	1.0000	NS	1.0000
Manganese	6/6	796.67	682 to 875	8/8	357.28	89.2 to 767	1050	0	t-Test	0.9995	NS	0.9791
Mercury	6/6	0.11	0.06 to 0.14	5/8	0.04	0.03 to 0.15	0.228	0	Wilcoxon	0.9797	NS	0.3256
Nickel	6/6	33.43	30.5 to 35.4	8/8	12.03	4.2 to 24	39.5	0	t-Test	1.0000	NS	0.9997
Potassium	6/6	409.50	362 to 525	8/8	627.00	309 to 1000	643	4	t-Test	0.0110	S	0.7016
Selenium	6/6	0.54	0.43 to 0.61	1/8	0.19	0.4 to 0.4	0.794	0	Wilcoxon	0.9953	NS	0.3664
Silver	6/6	0.37	0.27 to 0.61	3/8	0.14	0.19 to 0.29	0.610	0	Wilcoxon	0.9923	NS	0.3517
Sodium	6/6	1758.33	1470 to 1990	8/8	821.75	340 to 1200	2430	0	t-Test	1.0000	NS	1.0000
Thallium	6/6	1.11	0.85 to 1.3	2/8	0.42	0.6 to 0.79	1.82	0	Wilcoxon	0.9952	NS	0.3648
Vanadium	6/6	182.33	148 to 215	8/8	73.83	19.1 to 151	268	0	t-Test	0.9999	NS	0.9910
Zinc	6/6	106.88	71 to 156	8/8	72.61	26.5 to 125	224	0	t-Test	0.9498	NS	0.8086

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

N = 23

AOC=Child Development Center DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
4,4'-DDE	6/6	0.19553	0.00086 to 0.99	6/8	0.011852	0.00063 to 0.034	0.990	0	Wilcoxon	0.8538	NS	0.2646
4,4'-DDT	5/6	0.04476	0.0069 to 0.2	6/8	0.012273	0.0017 to 0.051	0.200	0	Wilcoxon	0.7549	NS	0.2464
Aldrin	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/6	0.00016	ND to ND	1/8	0.000378	0.0023 to 0.0023	NC	NC	None	NC	NC	NC
Endosulfan I	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/6	0.00016	ND to ND	0/8	0.000103	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	1/6	.00027833	0.00087 to 0.00087	3/8	.00039625	0.00081 to 0.00097	0.000870	2	Wilcoxon	0.7922	NS	0.2531
beta-BHC	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/6	.00015500	ND to ND	0/8	.00010313	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/6	.00015500	ND to ND	2/8	.00031813	0.00085 to 0.0011	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Child Development Center DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Mean

---------- AOC=Child Development Center D

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean
1,2,3,4,6,7,8,9-OCDD	6/6	.00049350	0.000257 to 0.000757	8/8	.000345
1,2,3,4,6,7,8,9-OCDF	6/6	.00007485	0.000038 to 0.000136	7/8	.000046
1,2,3,4,6,7,8-HpCDD	6/6	.00009028	0.000054 to 0.000156	8/8	.000049
1,2,3,4,6,7,8-HpCDF	6/6	.00008132	0.000042 to 0.000172	8/8	.000040
1,2,3,4,7,8,9-HpCDF	6/6	.00001193	5E-6 to 0.000028	6/8	.000007
1,2,3,4,7,8-HxCDD	6/6	.00000463	2.5E-6 to 9E-6	6/8	.000002
1,2,3,4,7,8-HxCDF	6/6	.00003988	0.000019 to 0.000098	8/8	.000019
1,2,3,6,7,8-HxCDD	6/6	.00001035	5.6E-6 to 0.00002	6/8	.000004
1,2,3,6,7,8-HxCDF	6/6	.00001727	8E-6 to 0.000041	6/8	.000007
1,2,3,7,8,9-HxCDD	6/6	.00001460	8.2E-6 to 0.000023	6/8	.000006
1,2,3,7,8,9-HxCDF	6/6	.00000146	8.8E-7 to 3.8E-6	5/8	.000001
1,2,3,7,8-PeCDD	6/6	.00000502	3.2E-6 to 9.8E-6	6/8	.000002
1,2,3,7,8-PeCDF	6/6	.00000920	3.8E-6 to 0.00002	6/8	.000004
2,3,4,6,7,8-HxCDF	6/6	.00003915	0.000015 to 0.000101	7/8	.000015
2,3,4,7,8-PeCDF	6/6	.00001568	6.3E-6 to 0.000037	6/8	.000006
2,3,7,8-TCDD	5/6	.00000073	4.7E-7 to 1.5E-6	3/8	.000000
2,3,7,8-TCDF	6/6	.00001100	3.6E-6 to 0.000021	8/8	.000003
Total HpCDD	6/6	.00017983	0.000107 to 0.000318	8/8	.000097
Total HpCDF	6/6	.00015158	0.000079 to 0.000323	8/8	.000080
Total HxCDD	6/6	.00012453	0.000069 to 0.000239	7/8	.000060
Total HxCDF	6/6	.00021335	0.000096 to 0.000535	8/8	.000095
Total PeCDD	6/6	.00006188	0.000025 to 0.000205	8/8	.000100
Total PeCDF	6/6	.00022182	0.000076 to 0.000608	8/8	.000086

S = one-tailed test statistically signi
NS = one-tailed test not statistically sig
(a) = Power to detect a difference of 50

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Child Development Center DEPTH=Surface Method=OLM03.2 Units=mg/kg ----------
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	2/6	0.044167	0.076 to 0.083	1/8	0.033313	0.13 to 0.13	0.0830	1	Wilcoxon	0.9793	NS	0.3232
Carbazole	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	5/6	0.069167	0.058 to 0.13	0/8	0.020563	ND to ND	0.194	0	None	NC	NC	NC
Dimethylphthalate	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	2/6	0.036583	0.055 to 0.06	0/8	0.020563	ND to ND	0.0600	0	None	NC	NC	NC
Fluorene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/6	0.026417	ND to ND	0/8	0.020563	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

AOC=Child Development Center DEPTH=Surface Method=SW8290 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	6/6	.00005538	0.000021 to 0.000152	7/8	.00043016	8.1E-7 to 0.00333	0.000152	1	Wilcoxon	0.9475	NS	0.2962
Total TCDF	6/6	.00019707	0.00006 to 0.000522	8/8	.00007726	6.9E-7 to 0.000284	0.000522	0	Wilcoxon	0.9736	NS	0.3160

N = 25

AOC=Elementary School DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	1/3	0.24833	0.39 to 0.39	0/4	0.1675	ND to ND	0.390	0	None	NC	NC	NC

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Method=OLM03.2 Units=mg/kg

REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	0.0700	0	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
to 0.46	0.785	0	t-Test	0.7536	NS	0.5209
to 0.2	0.280	0	Wilcoxon	0.9836	NS	0.3295
to 0.054	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC
ND	NC	None	NC	NC	NC

the alpha = 0.05 significance level
t the alpha = 0.05 significance level
reference and the site (alpha=0.05)

Site vs. Reference: Mea

---------- AOC=Elementary School DEPTH=

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean
Heptachlor	0/3	.00012667	ND to ND	1/4	0.0103
Heptachlor epoxide	0/3	.00012667	ND to ND	0/4	0.0001
Methoxychlor	0/3	.00012667	ND to ND	0/4	0.0001
Toxaphene	0/3	.00012667	ND to ND	0/4	0.0001
alpha-BHC	0/3	.00012667	ND to ND	0/4	0.0001
alpha-Chlordane	0/3	.00012667	ND to ND	1/4	0.0925
beta-BHC	0/3	.00012667	ND to ND	0/4	0.0001
delta-BHC	0/3	.00012667	ND to ND	0/4	0.0001
gamma-BHC(Lindane)	0/3	.00012667	ND to ND	0/4	0.0001
gamma-Chlordane	0/3	.00012667	ND to ND	1/4	0.1050

S = one-tailed test statistically signi
NS = one-tailed test not statistically sig
(a) = Power to detect a difference of 50

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Elementary School DEPTH=Subsurface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	3/3	54100.00	52300 to 57700	4/4	43900.00	15000 to 91600	57700	1	Wilcoxon	0.7966	NS	0.2818
Antimony	2/3	0.93	1 to 1.5	3/4	1.03	0.49 to 2.2	1.50	1	Wilcoxon	0.5000	NS	0.2123
Arsenic	3/3	2.03	1.3 to 2.6	4/4	3.60	2.8 to 5.3	2.60	4	Wilcoxon	0.0499	S	0.1109
Barium	3/3	69.87	67.9 to 72.3	4/4	56.78	17.8 to 101	72.3	1	Wilcoxon	0.6925	NS	0.2554
Beryllium	0/3	0.10	ND to ND	3/4	0.22	0.18 to 0.36	NC	NC	None	NC	NC	NC
Cadmium	3/3	0.49	0.47 to 0.53	4/4	0.59	0.22 to 1	0.530	2	Wilcoxon	0.5000	NS	0.2168
Calcium	3/3	10726.67	9380 to 11600	4/4	10907.50	5760 to 20200	11600	1	Wilcoxon	0.6925	NS	0.2554
Chromium	3/3	27.13	24.9 to 30.8	4/4	24.20	6.8 to 58.7	30.8	1	Wilcoxon	0.7946	NS	0.2786
Cobalt	3/3	23.33	22.2 to 25	4/4	17.10	4.5 to 36.9	25.0	1	Wilcoxon	0.7946	NS	0.2786
Copper	3/3	107.67	103 to 116	4/4	81.80	9.6 to 183	116	1	Wilcoxon	0.7946	NS	0.2786
Iron	3/3	47666.67	45100 to 51800	4/4	38750.00	14200 to 80900	51800	1	Wilcoxon	0.7946	NS	0.2786
Lead	3/3	7.33	5.4 to 8.7	4/4	15.80	3.1 to 31.9	8.70	2	Wilcoxon	0.5000	NS	0.2123
Magnesium	3/3	11700.00	10900 to 12200	4/4	7197.50	3490 to 11800	12200	0	Wilcoxon	0.9186	NS	0.3278
Manganese	3/3	830.67	800 to 890	4/4	675.50	218 to 1360	890	1	Wilcoxon	0.5672	NS	0.2333
Mercury	3/3	0.03	0.02 to 0.04	2/4	0.04	0.06 to 0.06	0.0400	2	Wilcoxon	0.5000	NS	0.2168
Nickel	3/3	30.77	28.5 to 32.9	4/4	21.73	6.7 to 46.9	32.9	1	Wilcoxon	0.7946	NS	0.2786
Potassium	3/3	273.33	263 to 285	4/4	674.75	520 to 767	285	4	Wilcoxon	0.0499	S	0.1109
Selenium	2/3	0.46	0.58 to 0.6	0/4	0.18	ND to ND	0.600	0	None	NC	NC	NC
Silver	0/3	0.10	ND to ND	2/4	0.22	0.27 to 0.47	NC	NC	None	NC	NC	NC
Sodium	3/3	1890.00	1750 to 2030	4/4	807.00	530 to 987	2030	0	Wilcoxon	0.9501	NS	0.3537
Thallium	2/3	1.17	1.4 to 1.7	2/4	1.17	1.1 to 3	1.70	1	Wilcoxon	0.6925	NS	0.2554
Vanadium	3/3	197.67	185 to 219	4/4	154.15	39.9 to 359	219	1	Wilcoxon	0.7946	NS	0.2786
Zinc	3/3	44.33	40 to 48.6	4/4	60.93	27.3 to 93.6	48.6	2	Wilcoxon	0.5000	NS	0.2123

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

AOC=Elementary School DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/3	0.0255	ND to ND	1/4	0.036375	0.075 to 0.075	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/3	0.0255	ND to ND	0/4	0.023375	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

thod=OLM03.2 Units=mg/kg

	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
0.14	NC	NC	None	NC	NC	NC
o 0.029	0.00580	2	Wilcoxon	0.5000	NS	0.2145
o 0.064	0.00170	2	Wilcoxon	0.5000	NS	0.2145
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC
	NC	NC	None	NC	NC	NC

e alpha = 0.05 significance level
the alpha = 0.05 significance level
ference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/3	0.025500	ND to ND	1/4	0.02988	0.049 to 0.049	NC	NC	None	NC	NC	NC
Anthracene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/3	0.025500	ND to ND	1/4	0.14763	0.52 to 0.52	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/3	0.025500	ND to ND	1/4	0.18513	0.67 to 0.67	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/3	0.025500	ND to ND	1/4	0.18763	0.68 to 0.68	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/3	0.025500	ND to ND	1/4	0.18763	0.68 to 0.68	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/3	0.025500	ND to ND	1/4	0.14763	0.52 to 0.52	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Carbazole	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/3	0.025500	ND to ND	1/4	0.16012	0.57 to 0.57	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/3	0.025500	ND to ND	1/4	0.09013	0.29 to 0.29	NC	NC	None	NC	NC	NC
Dibenzofuran	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	1/3	0.036333	0.058 to 0.058	0/4	0.02338	ND to ND	0.0580	0	None	NC	NC	NC
Dimethylphthalate	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	0/3	0.025500	ND to ND	1/4	0.13013	0.45 to 0.45	NC	NC	None	NC	NC	NC
Fluorene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/3	0.025500	ND to ND	1/4	0.17013	0.61 to 0.61	NC	NC	None	NC	NC	NC
Isophorone	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/3	0.025500	ND to ND	1/4	0.03288	0.061 to 0.061	NC	NC	None	NC	NC	NC
Phenol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	0/3	0.025500	ND to ND	1/4	0.15763	0.56 to 0.56	NC	NC	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	0/3	0.025500	ND to ND	3/4	0.09213	0.065 to 0.19	NC	NC	None	NC	NC	NC
di-n-Butylphthalate	1/3	0.042667	0.077 to 0.077	1/4	0.13513	0.47 to 0.47	0.0770	1	Wilcoxon	0.5685	NS	0.2385
di-n-Octylphthalate	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/3	0.025500	ND to ND	0/4	0.02338	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Subsurface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	3/3	.000037967	0.000035 to 0.00004	4/4	.0014866	0.000012 to 0.00554	0.0000396	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8,9-OCDF	3/3	.000004333	3.9E-6 to 4.6E-6	3/4	.0000913	0.000028 to 0.00027	0.00000460	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8-HpCDD	3/3	.000005867	5.7E-6 to 6E-6	4/4	.0000904	1.3E-6 to 0.000296	0.00000600	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8-HpCDF	3/3	.000004867	4.7E-6 to 5.1E-6	4/4	.0000362	1.2E-6 to 0.000067	0.00000510	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,7,8,9-HpCDF	1/3	.000000467	1E-6 to 1E-6	3/4	.0000051	3.5E-6 to 0.000013	0.00000100	3	Wilcoxon	0.0814	NS	0.1248
1,2,3,4,7,8-HxCDD	0/3	.000000150	ND to ND	2/4	.0000010	1.3E-6 to 1.7E-6	NC	NC	None	NC	NC	NC
1,2,3,4,7,8-HxCDF	3/3	.000002033	1.9E-6 to 2.1E-6	3/4	.0000088	4.9E-6 to 0.000022	0.00000210	3	Wilcoxon	0.2034	NS	0.1576
1,2,3,6,7,8-HxCDD	3/3	.000001367	1.2E-6 to 1.5E-6	3/4	.0000044	2.6E-6 to 0.000011	0.00000150	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,6,7,8-HxCDF	3/3	.000000970	8.5E-7 to 1.1E-6	3/4	.0000035	2.2E-6 to 7.9E-6	0.00000110	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,7,8,9-HxCDD	3/3	.000004867	4E-6 to 5.3E-6	3/4	.0000047	2.9E-6 to 8.8E-6	0.00000530	2	Wilcoxon	0.5000	NS	0.2145
1,2,3,7,8,9-HxCDF	0/3	.000000183	ND to ND	2/4	.0000008	3.3E-7 to 2.1E-6	NC	NC	None	NC	NC	NC
1,2,3,7,8-PeCDD	3/3	.000001467	1.3E-6 to 1.6E-6	3/4	.0000015	1.1E-6 to 2.4E-6	0.00000160	2	Wilcoxon	0.5000	NS	0.2123
1,2,3,7,8-PeCDF	3/3	.000000667	5.4E-7 to 8E-7	3/4	.0000027	8.2E-7 to 7.2E-6	0.000000800	3	Wilcoxon	0.2054	NS	0.1562
2,3,4,6,7,8-HxCDF	3/3	.000002000	1.8E-6 to 2.2E-6	3/4	.0000058	4.7E-6 to 0.000011	0.00000220	3	Wilcoxon	0.2054	NS	0.1562
2,3,4,7,8-PeCDF	3/3	.000001060	8.8E-7 to 1.2E-6	3/4	.0000027	1.5E-6 to 5E-6	0.00000120	3	Wilcoxon	0.2054	NS	0.1562
2,3,7,8-TCDD	0/3	.000000150	ND to ND	1/4	.0000003	5.1E-7 to 5.1E-7	NC	NC	None	NC	NC	NC
2,3,7,8-TCDF	3/3	.000000907	7.9E-7 to 9.9E-7	3/4	.0000023	9.6E-7 to 4.9E-6	0.000000990	2	Wilcoxon	0.3075	NS	0.1737
Total HpCDD	3/3	.000011500	0.00001 to 0.000013	4/4	.0001651	1.5E-6 to 0.000536	0.0000131	3	Wilcoxon	0.2054	NS	0.1562
Total HpCDF	3/3	.000007933	5.6E-6 to 0.00001	4/4	.0000993	1.2E-6 to 0.000247	0.0000100	3	Wilcoxon	0.2054	NS	0.1562
Total HxCDD	3/3	.000016767	0.000014 to 0.000019	3/4	.0000328	0.000025 to 0.000064	0.0000191	3	Wilcoxon	0.2054	NS	0.1562
Total HxCDF	3/3	.000010400	8.7E-6 to 0.000012	3/4	.0000491	0.000045 to 0.000078	0.0000115	3	Wilcoxon	0.2054	NS	0.1562
Total PeCDD	3/3	.000003300	1.6E-6 to 4.9E-6	3/4	.0000083	9E-6 to 0.000013	0.00000490	3	Wilcoxon	0.2054	NS	0.1562
Total PeCDF	3/3	.000009733	7.4E-6 to 0.000012	3/4	.0000311	0.000018 to 0.000058	0.0000121	3	Wilcoxon	0.2054	NS	0.1562

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

AOC=Elementary School DEPTH=Subsurface Method=SW8290 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	3/3	.000001900	1.7E-6 to 2.3E-6	3/4	.0000094	9.9E-6 to 0.000015	0.00000230	3	Wilcoxon	0.2034	NS	0.1576
Total TCDF	3/3	.000008967	4.9E-6 to 0.000013	3/4	.0000227	0.000017 to 0.000041	0.0000133	3	Wilcoxon	0.2054	NS	0.1562

N = 25

AOC=Elementary School DEPTH=Surface Method=300.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Chloride	6/6	2.2550	1.56 to 3.76	2/2	4.4175	0.665 to 8.17	5.16	1	Wilcoxon	0.5000	NS	0.2123
Fluoride	1/6	0.2905	0.763 to 0.763	1/2	0.8825	1.63 to 1.63	0.763	1	Wilcoxon	0.5000	NS	0.2137

N = 2

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	5/6	5.0625	3.33 to 8.33	2/2	8.506	0.712 to 16.3	15.5	1	Wilcoxon	0.4362	NS	0.2033

N = 1

AOC=Elementary School DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	4/6	0.39667	0.43 to 0.6	0/8	0.14938	ND to ND	1.08	0	None	NC	NC	NC

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	6/6	49633.33	39900 to 57200	8/8	31175.00	10200 to 72600	74000	0	t-Test	0.9732	NS	0.8004
Antimony	6/6	1.63	1.4 to 2.4	6/8	0.85	0.46 to 2.5	2.40	1	Wilcoxon	0.9588	NS	0.3049
Arsenic	6/6	3.78	2.9 to 5.2	8/8	3.78	1.8 to 6.5	6.64	0	t-Test	0.5058	NS	0.9032
Barium	6/6	75.85	60.2 to 96.9	8/8	48.41	13.5 to 143	130	1	Wilcoxon	0.9347	NS	0.2898
Beryllium	1/6	0.12	0.25 to 0.25	2/8	0.13	0.24 to 0.35	0.250	1	Wilcoxon	0.9018	NS	0.2786
Cadmium	6/6	0.79	0.65 to 1	8/8	0.50	0.16 to 1.3	1.26	1	t-Test	0.9519	NS	0.6939
Calcium	6/6	11016.67	9420 to 12800	8/8	11607.50	9570 to 14300	15400	0	t-Test	0.2408	NS	1.0000
Chromium	6/6	30.15	26.4 to 34.5	8/8	17.34	5.1 to 51.4	39.9	1	Wilcoxon	0.9736	NS	0.3160
Cobalt	6/6	22.27	19.6 to 24.9	8/8	11.89	3.1 to 27.6	28.9	0	t-Test	0.9935	NS	0.8790
Copper	6/6	100.73	90 to 115	8/8	54.49	7.1 to 152	134	1	t-Test	0.9778	NS	0.6887
Iron	6/6	44316.67	38000 to 50600	8/8	28050.00	10000 to 64100	60600	1	t-Test	0.9775	NS	0.8434
Lead	6/6	37.80	13.8 to 57.3	8/8	14.08	3 to 61.5	95.5	0	Wilcoxon	0.9666	NS	0.3094
Magnesium	6/6	11400.00	11000 to 11700	8/8	6280.00	2140 to 9970	12400	0	t-Test	0.9996	NS	0.9994
Manganese	6/6	796.67	682 to 875	8/8	486.50	162 to 1140	1050	1	t-Test	0.9788	NS	0.8163
Mercury	6/6	0.11	0.06 to 0.14	3/8	0.04	0.04 to 0.13	0.228	0	Wilcoxon	0.9841	NS	0.3324
Nickel	6/6	33.43	30.5 to 35.4	8/8	16.59	4.9 to 37.5	39.5	0	t-Test	0.9981	NS	0.9565
Potassium	6/6	409.50	362 to 525	8/8	752.13	553 to 1060	643	4	t-Test	0.0009	S	0.7056
Selenium	6/6	0.54	0.43 to 0.61	2/8	0.29	0.51 to 0.91	0.794	1	Wilcoxon	0.9739	NS	0.3174
Silver	6/6	0.37	0.27 to 0.61	3/8	0.17	0.18 to 0.5	0.610	0	Wilcoxon	0.9738	NS	0.3169
Sodium	6/6	1758.33	1470 to 1990	8/8	832.13	569 to 1210	2430	0	t-Test	1.0000	NS	1.0000
Thallium	6/6	1.11	0.85 to 1.3	2/8	0.60	1.4 to 1.6	1.82	0	Wilcoxon	0.9197	NS	0.2842
Vanadium	6/6	182.33	148 to 215	8/8	100.89	25.1 to 263	268	0	Wilcoxon	0.9475	NS	0.2962
Zinc	6/6	106.88	71 to 156	8/8	72.29	22.2 to 274	224	1	Wilcoxon	0.9792	NS	0.3227

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

AOC=Elementary School DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/6	0.00016	ND to ND	1/8	0.015095	0.12 to 0.12	NC	NC	None	NC	NC	NC
4,4'-DDE	6/6	0.19553	0.00086 to 0.99	4/8	0.009283	0.0025 to 0.039	0.990	0	Wilcoxon	0.9349	NS	0.2902
4,4'-DDT	5/6	0.04476	0.0069 to 0.2	4/8	0.009908	0.0031 to 0.047	0.200	0	Wilcoxon	0.9011	NS	0.2774
Aldrin	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/6	0.00016	ND to ND	1/8	0.005346	0.042 to 0.042	NC	NC	None	NC	NC	NC
Aroclor-1260	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/6	0.00016	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/6	.00015500	ND to ND	1/8	0.001470	0.011 to 0.011	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	1/6	.00027833	0.00087 to 0.00087	2/8	0.027937	0.0029 to 0.22	0.000870	2	Wilcoxon	0.8911	NS	0.2750
beta-BHC	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/6	.00015500	ND to ND	0/8	0.000109	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/6	.00015500	ND to ND	1/8	0.027595	0.22 to 0.22	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Elementary School DEPTH=Surface Method=OLM03.2 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	2/6	0.044167	0.076 to 0.083	1/8	0.029750	0.096 to 0.096	0.0830	1	Wilcoxon	0.9739	NS	0.3174
Carbazole	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/6	0.026417	ND to ND	1/8	0.026875	0.073 to 0.073	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	5/6	0.069167	0.058 to 0.13	1/8	0.025625	0.047 to 0.047	0.194	0	Wilcoxon	0.9922	NS	0.3507
Dimethylphthalate	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	2/6	0.036583	0.055 to 0.06	0/8	0.021938	ND to ND	0.0600	0	None	NC	NC	NC
Fluorene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/6	0.026417	ND to ND	0/8	0.021938	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Isophorone	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	2/6	0.03792	0.053 to 0.07	0/8	0.02194	ND to ND	0.0700	0	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	6/6	0.27333	0.13 to 0.5	8/8	0.37375	0.14 to 0.98	0.785	1	Wilcoxon	0.3294	NS	0.1911
di-n-Butylphthalate	6/6	0.14650	0.099 to 0.28	3/8	0.10838	0.089 to 0.35	0.280	2	Wilcoxon	0.9197	NS	0.2842
di-n-Octylphthalate	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/6	0.02642	ND to ND	0/8	0.02194	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	6/6	.00049350	0.000257 to 0.000757	8/8	.00067290	0.000016 to 0.00237	0.00118	2	Wilcoxon	0.8791	NS	0.2708
1,2,3,4,6,7,8,9-OCDF	6/6	.00007485	0.000038 to 0.000136	8/8	.00006808	2.5E-6 to 0.000339	0.000212	1	Wilcoxon	0.9347	NS	0.2898
1,2,3,4,6,7,8-HpCDD	6/6	.00009028	0.000054 to 0.000156	8/8	.00007576	3.2E-6 to 0.000365	0.000235	1	Wilcoxon	0.9347	NS	0.2898
1,2,3,4,6,7,8-HpCDF	6/6	.00008132	0.000042 to 0.000172	8/8	.00006033	3.3E-6 to 0.000344	0.000258	1	Wilcoxon	0.9666	NS	0.3094
1,2,3,4,7,8,9-HpCDF	6/6	.00001193	5E-6 to 0.000028	5/8	.00001071	1.2E-6 to 0.000068	0.0000419	1	Wilcoxon	0.9666	NS	0.3094
1,2,3,4,7,8-HxCDD	6/6	.00000463	2.5E-6 to 9E-6	4/8	.00000338	1.1E-6 to 0.00002	0.0000137	1	Wilcoxon	0.9793	NS	0.3237
1,2,3,4,7,8-HxCDF	6/6	.00003988	0.000019 to 0.000098	8/8	.00002271	9.7E-7 to 0.000134	0.0000978	1	Wilcoxon	0.9792	NS	0.3227
1,2,3,6,7,8-HxCDD	6/6	.00001035	5.6E-6 to 0.00002	5/8	.00000611	4.4E-7 to 0.000032	0.0000291	1	Wilcoxon	0.9666	NS	0.3094
1,2,3,6,7,8-HxCDF	6/6	.00001727	8E-6 to 0.000041	8/8	.00000970	4.9E-7 to 0.000056	0.0000412	1	Wilcoxon	0.9792	NS	0.3227
1,2,3,7,8,9-HxCDD	6/6	.00001460	8.2E-6 to 0.000023	5/8	.00000899	5E-7 to 0.000051	0.0000359	1	Wilcoxon	0.9737	NS	0.3165
1,2,3,7,8,9-HxCDF	6/6	.00000146	8.8E-7 to 3.8E-6	4/8	.00000161	5.4E-7 to 7.1E-6	0.00000380	1	Wilcoxon	0.9347	NS	0.2898
1,2,3,7,8-PeCDD	6/6	.00000502	3.2E-6 to 9.8E-6	4/8	.00000254	1.7E-6 to 0.000013	0.00000980	1	Wilcoxon	0.9792	NS	0.3227
1,2,3,7,8-PeCDF	6/6	.00000920	3.8E-6 to 0.00002	5/8	.00000699	8.1E-7 to 0.000028	0.0000306	0	Wilcoxon	0.9193	NS	0.2834
2,3,4,6,7,8-HxCDF	6/6	.00003915	0.000015 to 0.000101	8/8	.00002581	1.1E-6 to 0.000158	0.000101	1	Wilcoxon	0.9666	NS	0.3094
2,3,4,7,8-PeCDF	6/6	.00001568	6.3E-6 to 0.000037	8/8	.00000983	3.7E-7 to 0.000047	0.0000374	1	Wilcoxon	0.9347	NS	0.2898
2,3,7,8-TCDD	5/6	.00000073	4.7E-7 to 1.5E-6	3/8	.00000044	2.5E-7 to 1.7E-6	0.00000240	0	Wilcoxon	0.9109	NS	0.2810
2,3,7,8-TCDF	6/6	.00001100	3.6E-6 to 0.000021	7/8	.00000525	1.7E-7 to 0.000023	0.0000328	0	Wilcoxon	0.9347	NS	0.2898
Total HpCDD	6/6	.00017983	0.000107 to 0.000318	8/8	.00014316	5.7E-6 to 0.000709	0.000488	1	Wilcoxon	0.9475	NS	0.2962
Total HpCDF	6/6	.00015158	0.000079 to 0.000323	8/8	.00012684	5.6E-6 to 0.0007	0.000487	1	Wilcoxon	0.9581	NS	0.3028
Total HxCDD	6/6	.00012453	0.000069 to 0.000239	8/8	.00007908	1.5E-6 to 0.000487	0.000362	1	Wilcoxon	0.9792	NS	0.3227
Total HxCDF	6/6	.00021335	0.000096 to 0.000535	8/8	.00013190	3.8E-6 to 0.000767	0.000535	1	Wilcoxon	0.9666	NS	0.3094
Total PeCDD	6/6	.00006188	0.000025 to 0.000205	8/8	.00002644	6.1E-7 to 0.00016	0.000205	0	Wilcoxon	0.9836	NS	0.3295
Total PeCDF	6/6	.00022182	0.000076 to 0.000608	8/8	.00011500	3.2E-6 to 0.000614	0.000608	1	Wilcoxon	0.9532	NS	0.2999

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Elementary School DEPTH=Surface Method=SW8290 Units=mg/kg (continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	6/6	.00005538	0.000021 to 0.000152	8/8	.00002717	4.8E-7 to 0.000163	0.000152	1	Wilcoxon	0.9792	NS	0.3227
Total TCDF	6/6	.00019707	0.00006 to 0.000522	8/8	.00009260	1.1E-6 to 0.000468	0.000522	0	Wilcoxon	0.9581	NS	0.3028

N = 25

AOC=Reference 2 DEPTH=Subsurface Method=300.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Chloride	3/3	5.39667	2.25 to 9.64	1/1	3.380	3.38 to 3.38	9.64	0	Wilcoxon	0.5000	NS	0.2290
Fluoride	0/3	0.19000	ND to ND	0/1	0.205	ND to ND	NC	NC	None	NC	NC	NC

N = 2

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	3/3	4.77667	3.5 to 6.74	1/1	7.16	7.16 to 7.16	6.74	1	Wilcoxon	0.2185	NS	0.1666

N = 1

AOC=Reference 2 DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	1/3	0.24833	0.39 to 0.39	1/3	0.615	1.4 to 1.4	0.390	1	Wilcoxon	0.2113	NS	0.1586

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Reference 2 DEPTH=Subsurface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	3/3	54100.00	52300 to 57700	3/3	84000.00	58200 to 108000	57700	3	Wilcoxon	0.0684	NS	0.1242
Antimony	2/3	0.93	1 to 1.5	3/3	1.63	1.1 to 2.2	1.50	2	Wilcoxon	0.1237	NS	0.1399
Arsenic	3/3	2.03	1.3 to 2.6	3/3	4.77	3.6 to 5.9	2.60	3	Wilcoxon	0.0706	NS	0.1228
Barium	3/3	69.87	67.9 to 72.3	3/3	122.60	73.7 to 198	72.3	3	Wilcoxon	0.0706	NS	0.1228
Beryllium	0/3	0.10	ND to ND	1/3	0.17	0.26 to 0.26	NC	NC	None	NC	NC	NC
Cadmium	3/3	0.49	0.47 to 0.53	3/3	1.13	1 to 1.4	0.530	3	Wilcoxon	0.0661	NS	0.1257
Calcium	3/3	10726.67	9380 to 11600	3/3	5720.00	3890 to 8180	11600	0	Wilcoxon	0.9294	NS	0.3315
Chromium	3/3	27.13	24.9 to 30.8	3/3	43.23	29.7 to 50.6	30.8	2	Wilcoxon	0.1237	NS	0.1399
Cobalt	3/3	23.33	22.2 to 25	3/3	34.03	25.5 to 42.4	25.0	3	Wilcoxon	0.0706	NS	0.1228
Copper	3/3	107.67	103 to 116	3/3	164.33	125 to 189	116	3	Wilcoxon	0.0706	NS	0.1228
Iron	3/3	47666.67	45100 to 51800	3/3	71166.67	51400 to 87500	51800	2	Wilcoxon	0.1237	NS	0.1399
Lead	3/3	7.33	5.4 to 8.7	3/3	27.63	15.4 to 48.1	8.70	3	Wilcoxon	0.0706	NS	0.1228
Magnesium	3/3	11700.00	10900 to 12200	3/3	12400.00	11200 to 14500	12200	1	Wilcoxon	0.5000	NS	0.2008
Manganese	3/3	830.67	800 to 890	3/3	1271.00	933 to 1530	890	3	Wilcoxon	0.0706	NS	0.1228
Mercury	3/3	0.03	0.02 to 0.04	3/3	0.13	0.08 to 0.22	0.0400	3	Wilcoxon	0.0706	NS	0.1228
Nickel	3/3	30.77	28.5 to 32.9	3/3	42.40	33.2 to 47.9	32.9	3	Wilcoxon	0.0706	NS	0.1228
Potassium	3/3	273.33	263 to 285	3/3	317.67	290 to 371	285	3	Wilcoxon	0.0706	NS	0.1228
Selenium	2/3	0.46	0.58 to 0.6	1/3	0.47	0.88 to 0.88	0.600	1	Wilcoxon	0.5000	NS	0.2041
Silver	0/3	0.10	ND to ND	3/3	0.73	0.33 to 1.3	NC	NC	None	NC	NC	NC
Sodium	3/3	1890.00	1750 to 2030	3/3	609.33	326 to 1080	2030	0	Wilcoxon	0.9294	NS	0.3315
Thallium	2/3	1.17	1.4 to 1.7	3/3	3.37	1.3 to 5.6	1.70	2	Wilcoxon	0.2113	NS	0.1586
Vanadium	3/3	197.67	185 to 219	3/3	298.00	213 to 355	219	2	Wilcoxon	0.1237	NS	0.1399
Zinc	3/3	44.33	40 to 48.6	3/3	124.87	68.6 to 190	48.6	3	Wilcoxon	0.0706	NS	0.1228

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

AOC=Reference 2 DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
4,4'-DDE	3/3	.0026300	0.00099 to 0.0058	3/3	.0059667	0.0014 to 0.01	0.00580	2	Wilcoxon	0.1237	NS	0.1399
4,4'-DDT	2/3	.0008750	0.0008 to 0.0017	3/3	.0053333	0.0023 to 0.0073	0.00170	3	Wilcoxon	0.0706	NS	0.1228
Aldrin	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/3	.0001267	ND to ND	0/3	.0001583	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
beta-BHC	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/3	.00012667	ND to ND	0/3	.00015833	ND to ND	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/3	0.0255	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Carbazole	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	1/3	0.036333	0.058 to 0.058	0/3	0.0315	ND to ND	0.0580	0	None	NC	NC	NC
Dimethylphthalate	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Fluorene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/3	0.025500	ND to ND	0/3	0.0315	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Isophorone	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
di-n-Butylphthalate	1/3	0.042667	0.077 to 0.077	1/3	0.12883	0.32 to 0.32	0.0770	1	Wilcoxon	0.2082	NS	0.1609
di-n-Octylphthalate	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/3	0.025500	ND to ND	0/3	0.03150	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	3/3	.000037967	0.000035 to 0.00004	3/3	.00036233	0.000123 to 0.000755	0.0000396	3	Wilcoxon	0.0706	NS	0.1228
1,2,3,4,6,7,8,9-OCDF	3/3	.000004333	3.9E-6 to 4.6E-6	3/3	.00003640	0.000018 to 0.000062	0.00000460	3	Wilcoxon	0.0706	NS	0.1228
1,2,3,4,6,7,8-HpCDD	3/3	.000005867	5.7E-6 to 6E-6	3/3	.00005340	0.000023 to 0.000104	0.00000600	3	Wilcoxon	0.0706	NS	0.1228
1,2,3,4,6,7,8-HpCDF	3/3	.000004867	4.7E-6 to 5.1E-6	3/3	.00002527	0.000011 to 0.000043	0.00000510	3	Wilcoxon	0.0706	NS	0.1228
1,2,3,4,7,8,9-HpCDF	1/3	.000000467	1E-6 to 1E-6	2/3	.00000420	4.6E-6 to 7.7E-6	0.00000100	2	Wilcoxon	0.1237	NS	0.1399
1,2,3,4,7,8-HxCDD	0/3	.000000150	ND to ND	2/3	.00000133	1.2E-6 to 2.5E-6	NC	NC	None	NC	NC	NC
1,2,3,4,7,8-HxCDF	3/3	.000002033	1.9E-6 to 2.1E-6	3/3	.00000823	2.9E-6 to 0.000014	0.00000210	3	Wilcoxon	0.0684	NS	0.1242
1,2,3,6,7,8-HxCDD	3/3	.000001367	1.2E-6 to 1.5E-6	2/3	.00000445	4.5E-6 to 7.9E-6	0.00000150	2	Wilcoxon	0.3404	NS	0.1789
1,2,3,6,7,8-HxCDF	3/3	.000000970	8.5E-7 to 1.1E-6	3/3	.00000360	1.1E-6 to 6E-6	0.00000110	2	Wilcoxon	0.0909	NS	0.1328
1,2,3,7,8,9-HxCDD	3/3	.000004867	4E-6 to 5.3E-6	3/3	.00000973	6.3E-6 to 0.000012	0.00000530	3	Wilcoxon	0.0684	NS	0.1242
1,2,3,7,8,9-HxCDF	0/3	.000000183	ND to ND	1/3	.00000035	5.5E-7 to 5.5E-7	NC	NC	None	NC	NC	NC
1,2,3,7,8-PeCDD	3/3	.000001467	1.3E-6 to 1.6E-6	3/3	.00000226	8.9E-7 to 3.1E-6	0.00000160	2	Wilcoxon	0.3404	NS	0.1789
1,2,3,7,8-PeCDF	3/3	.000000667	5.4E-7 to 8E-7	3/3	.00000212	9.5E-7 to 3.4E-6	0.000000800	3	Wilcoxon	0.0706	NS	0.1228
2,3,4,6,7,8-HxCDF	3/3	.000002000	1.8E-6 to 2.2E-6	3/3	.00000807	2.5E-6 to 0.000014	0.00000220	3	Wilcoxon	0.0706	NS	0.1228
2,3,4,7,8-PeCDF	3/3	.000001060	8.8E-7 to 1.2E-6	3/3	.00000287	1.1E-6 to 4.4E-6	0.00000120	2	Wilcoxon	0.1593	NS	0.1511
2,3,7,8-TCDD	0/3	.000000150	ND to ND	0/3	.00000025	ND to ND	NC	NC	None	NC	NC	NC
2,3,7,8-TCDF	3/3	.000000907	7.9E-7 to 9.9E-7	3/3	.00000222	8.5E-7 to 4E-6	0.000000990	2	Wilcoxon	0.2113	NS	0.1586
Total HpCDD	3/3	.000011500	0.00001 to 0.000013	3/3	.00009370	0.000043 to 0.000178	0.0000131	3	Wilcoxon	0.0706	NS	0.1228
Total HpCDF	3/3	.000007933	5.6E-6 to 0.00001	3/3	.00005117	0.000021 to 0.000089	0.0000100	3	Wilcoxon	0.0706	NS	0.1228
Total HxCDD	3/3	.000016767	0.000014 to 0.000019	3/3	.00004813	0.000026 to 0.00007	0.0000191	3	Wilcoxon	0.0706	NS	0.1228
Total HxCDF	3/3	.000010400	8.7E-6 to 0.000012	3/3	.00004243	0.000014 to 0.000075	0.0000115	3	Wilcoxon	0.0706	NS	0.1228
Total PeCDD	3/3	.000003300	1.6E-6 to 4.9E-6	3/3	.00001067	2.3E-6 to 0.000019	0.00000490	2	Wilcoxon	0.2113	NS	0.1586
Total PeCDF	3/3	.000009733	7.4E-6 to 0.000012	3/3	.00002487	8.4E-6 to 0.000041	0.0000121	2	Wilcoxon	0.2113	NS	0.1586

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Subsurface Method=SW8290 Units=mg/kg (continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	3/3	.000001900	1.7E-6 to 2.3E-6	3/3	.00000510	2E-6 to 0.000011	0.00000230	2	Wilcoxon	0.1207	NS	0.1418
Total TCDF	3/3	.000008967	4.9E-6 to 0.000013	3/3	.00002487	8.6E-6 to 0.00004	0.0000133	2	Wilcoxon	0.2113	NS	0.1586

N = 25

AOC=Reference 2 DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	4/6	0.39667	0.43 to 0.6	4/6	0.91833	0.8 to 1.7	1.08	2	t-Test	0.0517	NS	0.1685

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	6/6	49633.33	39900 to 57200	6/6	73150.00	58200 to 84200	74000	4	t-Test	0.0004	S	0.9994
Antimony	6/6	1.63	1.4 to 2.4	6/6	2.02	1.6 to 2.7	2.40	1	Wilcoxon	0.0342	S	0.1410
Arsenic	6/6	3.78	2.9 to 5.2	6/6	6.10	4.5 to 8.2	6.64	2	t-Test	0.0038	S	0.8562
Barium	6/6	75.85	60.2 to 96.9	6/6	79.82	66.1 to 105	130	0	t-Test	0.3195	NS	0.9959
Beryllium	1/6	0.12	0.25 to 0.25	1/6	0.16	0.23 to 0.23	0.250	0	Wilcoxon	0.0453	S	0.1458
Cadmium	6/6	0.79	0.65 to 1	6/6	1.20	0.9 to 1.8	1.26	1	Wilcoxon	0.0113	S	0.1219
Calcium	6/6	11016.67	9420 to 12800	6/6	5893.33	3030 to 9640	15400	0	t-Test	0.9982	NS	0.9961
Chromium	6/6	30.15	26.4 to 34.5	6/6	43.30	32.5 to 54.4	39.9	4	t-Test	0.0037	S	0.9944
Cobalt	6/6	22.27	19.6 to 24.9	6/6	29.07	23.7 to 33.9	28.9	4	t-Test	0.0022	S	1.0000
Copper	6/6	100.73	90 to 115	6/6	143.17	121 to 158	134	4	t-Test	0.0001	S	1.0000
Iron	6/6	44316.67	38000 to 50600	6/6	62233.33	49600 to 73300	60600	4	t-Test	0.0008	S	0.9999
Lead	6/6	37.80	13.8 to 57.3	6/6	45.08	22.5 to 55.3	95.5	0	t-Test	0.1939	NS	0.7058
Magnesium	6/6	11400.00	11000 to 11700	6/6	9641.67	7680 to 10900	12400	0	t-Test	0.9952	NS	1.0000
Manganese	6/6	796.67	682 to 875	6/6	1147.50	945 to 1300	1050	5	t-Test	0.0002	S	1.0000
Mercury	6/6	0.11	0.06 to 0.14	6/6	0.17	0.07 to 0.22	0.228	0	Wilcoxon	0.0347	S	0.1406
Nickel	6/6	33.43	30.5 to 35.4	6/6	41.60	31.8 to 56.1	39.5	3	t-Test	0.0388	S	0.9937
Potassium	6/6	409.50	362 to 525	6/6	580.00	435 to 978	643	1	Wilcoxon	0.0306	S	0.1377
Selenium	6/6	0.54	0.43 to 0.61	3/6	0.71	1.1 to 1.2	0.794	3	Wilcoxon	0.5000	NS	0.2140
Silver	6/6	0.37	0.27 to 0.61	6/6	0.50	0.33 to 0.63	0.610	1	Wilcoxon	0.0601	NS	0.1501
Sodium	6/6	1758.33	1470 to 1990	6/6	488.83	235 to 1040	2430	0	t-Test	1.0000	NS	1.0000
Thallium	6/6	1.11	0.85 to 1.3	5/6	2.89	1.4 to 5.4	1.82	3	t-Test	0.0368	S	0.1614
Vanadium	6/6	182.33	148 to 215	6/6	274.50	210 to 327	268	4	t-Test	0.0006	S	0.9979
Zinc	6/6	106.88	71 to 156	6/6	153.00	120 to 183	224	0	t-Test	0.0094	S	0.9204

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

---------- AOC=Reference 2 DEPTH=Surface Method=OLM03.2 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
4,4'-DDE	6/6	0.19553	0.00086 to 0.99	6/6	0.022083	0.0033 to 0.071	0.990	0	Wilcoxon	0.5927	NS	0.2251
4,4'-DDT	5/6	0.04476	0.0069 to 0.2	6/6	0.010067	0.0025 to 0.024	0.200	0	Wilcoxon	0.5927	NS	0.2251
Aldrin	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/6	0.00016	ND to ND	0/6	0.000173	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	1/6	.00027833	0.00087 to 0.00087	0/6	.00017333	ND to ND	0.000870	0	None	NC	NC	NC
beta-BHC	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/6	.00015500	ND to ND	0/6	.00017333	ND to ND	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	2/6	0.044167	0.076 to 0.083	0/6	0.03475	ND to ND	0.0830	0	None	NC	NC	NC
Carbazole	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	5/6	0.069167	0.058 to 0.13	0/6	0.03475	ND to ND	0.194	0	None	NC	NC	NC
Dimethylphthalate	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	2/6	0.036583	0.055 to 0.06	0/6	0.03475	ND to ND	0.0600	0	None	NC	NC	NC
Fluorene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/6	0.026417	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Isophorone	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	2/6	0.03792	0.053 to 0.07	0/6	0.03475	ND to ND	0.0700	0	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	6/6	0.27333	0.13 to 0.5	6/6	0.28167	0.2 to 0.57	0.785	0	Wilcoxon	0.4687	NS	0.2069
di-n-Butylphthalate	6/6	0.14650	0.099 to 0.28	6/6	0.22250	0.075 to 0.51	0.280	2	Wilcoxon	0.3478	NS	0.1946
di-n-Octylphthalate	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/6	0.02642	ND to ND	0/6	0.03475	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	6/6	.00049350	0.000257 to 0.000757	6/6	.00095233	0.000307 to 0.00161	0.00118	2	t-Test	0.0267	S	0.3186
1,2,3,4,6,7,8,9-OCDF	6/6	.00007485	0.000038 to 0.000136	6/6	.00011222	0.000036 to 0.000181	0.000212	0	t-Test	0.0788	NS	0.4158
1,2,3,4,6,7,8-HpCDD	6/6	.00009028	0.000054 to 0.000156	6/6	.00014507	0.00005 to 0.000211	0.000235	0	t-Test	0.0401	S	0.4480
1,2,3,4,6,7,8-HpCDF	6/6	.00008132	0.000042 to 0.000172	6/6	.00008963	0.000035 to 0.000133	0.000258	0	t-Test	0.3654	NS	0.4893
1,2,3,4,7,8,9-HpCDF	6/6	.00001193	5E-6 to 0.000028	6/6	.00002030	8.4E-6 to 0.000032	0.0000419	0	t-Test	0.0494	S	0.3319
1,2,3,4,7,8-HxCDD	6/6	.00000463	2.5E-6 to 9E-6	6/6	.00000673	3.7E-6 to 9E-6	0.0000137	0	t-Test	0.0634	NS	0.5309
1,2,3,4,7,8-HxCDF	6/6	.00003988	0.000019 to 0.000098	6/6	.00003895	0.000015 to 0.000058	0.0000978	0	Wilcoxon	0.2929	NS	0.1883
1,2,3,6,7,8-HxCDD	6/6	.00001035	5.6E-6 to 0.00002	6/6	.00001345	6.6E-6 to 0.000019	0.0000291	0	t-Test	0.1341	NS	0.5726
1,2,3,6,7,8-HxCDF	6/6	.00001727	8E-6 to 0.000041	6/6	.00001632	7.2E-6 to 0.000024	0.0000412	0	Wilcoxon	0.3483	NS	0.1939
1,2,3,7,8,9-HxCDD	6/6	.00001460	8.2E-6 to 0.000023	6/6	.00002392	0.00002 to 0.00003	0.0000359	0	t-Test	0.0044	S	0.8068
1,2,3,7,8,9-HxCDF	6/6	.00000146	8.8E-7 to 3.8E-6	6/6	.00000181	6.8E-7 to 3.6E-6	0.00000380	0	Wilcoxon	0.1597	NS	0.1712
1,2,3,7,8-PeCDD	6/6	.00000502	3.2E-6 to 9.8E-6	6/6	.00000562	3.7E-6 to 7.3E-6	0.00000980	0	Wilcoxon	0.1004	NS	0.1601
1,2,3,7,8-PeCDF	6/6	.00000920	3.8E-6 to 0.00002	6/6	.00000895	3.7E-6 to 0.000013	0.0000306	0	t-Test	0.5361	NS	0.4852
2,3,4,6,7,8-HxCDF	6/6	.00003915	0.000015 to 0.000101	6/6	.00003598	0.000015 to 0.000055	0.000101	0	Wilcoxon	0.2932	NS	0.1880
2,3,4,7,8-PeCDF	6/6	.00001568	6.3E-6 to 0.000037	6/6	.00001200	5.6E-6 to 0.000018	0.0000374	0	Wilcoxon	0.7329	NS	0.2422
2,3,7,8-TCDD	5/6	.00000073	4.7E-7 to 1.5E-6	6/6	.00000081	3.9E-7 to 1.1E-6	0.00000240	0	t-Test	0.3683	NS	0.4903
2,3,7,8-TCDF	6/6	.00001100	3.6E-6 to 0.000021	6/6	.00000785	2.2E-6 to 0.000011	0.0000328	0	t-Test	0.8611	NS	0.6023
Total HpCDD	6/6	.00017983	0.000107 to 0.000318	6/6	.00027667	0.000101 to 0.000395	0.000488	0	t-Test	0.0501	NS	0.4711
Total HpCDF	6/6	.00015158	0.000079 to 0.000323	6/6	.00017443	0.000066 to 0.000263	0.000487	0	t-Test	0.3127	NS	0.4671
Total HxCDD	6/6	.00012453	0.000069 to 0.000239	6/6	.00016817	0.000106 to 0.000211	0.000362	0	t-Test	0.0921	NS	0.6136
Total HxCDF	6/6	.00021335	0.000096 to 0.000535	6/6	.00018922	0.000079 to 0.000277	0.000535	0	Wilcoxon	0.3772	NS	0.1973
Total PeCDD	6/6	.00006188	0.000025 to 0.000205	6/6	.00004098	0.00002 to 0.000057	0.000205	0	Wilcoxon	0.3483	NS	0.1939
Total PeCDF	6/6	.00022182	0.000076 to 0.000608	6/6	.00013845	0.000067 to 0.000197	0.000608	0	Wilcoxon	0.7071	NS	0.2388

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Reference 2 DEPTH=Surface Method=SW8290 Units=mg/kg
(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	6/6	.00005538	0.000021 to 0.000152	6/6	.00004040	0.000014 to 0.000061	0.000152	0	Wilcoxon	0.4688	NS	0.2060
Total TCDF	6/6	.00019707	0.00006 to 0.000522	6/6	.00010153	0.000056 to 0.000136	0.000522	0	Wilcoxon	0.9218	NS	0.2804

N = 25

AOC=Towers Area DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	1/3	0.24833	0.39 to 0.39	2/4	0.555	0.83 to 0.93	0.390	2	Wilcoxon	0.1311	NS	0.1399

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	3/3	54100.00	52300 to 57700	4/4	69725.00	46000 to 104000	57700	2	Wilcoxon	0.3059	NS	0.1753
Antimony	2/3	0.93	1 to 1.5	3/4	1.15	0.77 to 1.9	1.50	2	Wilcoxon	0.3075	NS	0.1737
Arsenic	3/3	2.03	1.3 to 2.6	4/4	3.50	2.2 to 4.7	2.60	2	Wilcoxon	0.1628	NS	0.1492
Barium	3/3	69.87	67.9 to 72.3	4/4	138.65	67.4 to 308	72.3	3	Wilcoxon	0.2054	NS	0.1562
Beryllium	0/3	0.10	ND to ND	1/4	0.16	0.28 to 0.28	NC	NC	None	NC	NC	NC
Cadmium	3/3	0.49	0.47 to 0.53	4/4	1.09	0.87 to 1.3	0.530	4	Wilcoxon	0.0487	S	0.1116
Calcium	3/3	10726.67	9380 to 11600	4/4	14675.00	11800 to 18300	11600	4	Wilcoxon	0.0499	S	0.1109
Chromium	3/3	27.13	24.9 to 30.8	4/4	38.03	21.7 to 57.4	30.8	2	Wilcoxon	0.3075	NS	0.1737
Cobalt	3/3	23.33	22.2 to 25	4/4	27.83	18.2 to 40.2	25.0	2	Wilcoxon	0.3075	NS	0.1737
Copper	3/3	107.67	103 to 116	4/4	141.58	98.3 to 194	116	3	Wilcoxon	0.2054	NS	0.1562
Iron	3/3	47666.67	45100 to 51800	4/4	59400.00	39400 to 86000	51800	2	Wilcoxon	0.3075	NS	0.1737
Lead	3/3	7.33	5.4 to 8.7	4/4	12.38	4 to 21.8	8.70	3	Wilcoxon	0.2054	NS	0.1562
Magnesium	3/3	11700.00	10900 to 12200	4/4	12535.00	9240 to 18500	12200	1	Wilcoxon	0.6925	NS	0.2554
Manganese	3/3	830.67	800 to 890	4/4	1066.00	705 to 1500	890	3	Wilcoxon	0.2054	NS	0.1562
Mercury	3/3	0.03	0.02 to 0.04	3/4	0.03	0.03 to 0.05	0.0400	1	Wilcoxon	0.4315	NS	0.1963
Nickel	3/3	30.77	28.5 to 32.9	4/4	33.78	23.5 to 44.3	32.9	2	Wilcoxon	0.4328	NS	0.1924
Potassium	3/3	273.33	263 to 285	4/4	946.00	277 to 2130	285	3	Wilcoxon	0.0814	NS	0.1248
Selenium	2/3	0.46	0.58 to 0.6	0/4	0.23	ND to ND	0.600	0	None	NC	NC	NC
Silver	0/3	0.10	ND to ND	3/4	0.26	0.2 to 0.42	NC	NC	None	NC	NC	NC
Sodium	3/3	1890.00	1750 to 2030	4/4	1389.50	650 to 2300	2030	1	Wilcoxon	0.6925	NS	0.2554
Thallium	2/3	1.17	1.4 to 1.7	4/4	2.22	1.4 to 2.8	1.70	3	Wilcoxon	0.1017	NS	0.1333
Vanadium	3/3	197.67	185 to 219	4/4	243.00	147 to 362	219	2	Wilcoxon	0.3075	NS	0.1737
Zinc	3/3	44.33	40 to 48.6	4/4	83.10	46.7 to 125	48.6	3	Wilcoxon	0.0814	NS	0.1248

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

AOC=Towers Area DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/3	.0001267	ND to ND	1/4	0.002484	0.0095 to 0.0095	NC	NC	None	NC	NC	NC
4,4'-DDE	3/3	.0026300	0.00099 to 0.0058	4/4	0.021750	0.0011 to 0.055	0.00580	3	Wilcoxon	0.1017	NS	0.1333
4,4'-DDT	2/3	.0008750	0.0008 to 0.0017	4/4	0.041620	0.00098 to 0.079	0.00170	3	Wilcoxon	0.0798	NS	0.1257
Aldrin	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/3	.0001267	ND to ND	0/4	0.000145	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	0/3	.00012667	ND to ND	1/4	.0012588	0.0046 to 0.0046	NC	NC	None	NC	NC	NC
beta-BHC	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/3	.00012667	ND to ND	0/4	.0001450	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/3	.00012667	ND to ND	1/4	.0012588	0.0046 to 0.0046	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/3	0.0255	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/3	0.025500	ND to ND	1/4	0.040375	0.074 to 0.074	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/3	0.025500	ND to ND	1/4	0.043875	0.088 to 0.088	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/3	0.025500	ND to ND	1/4	0.041625	0.079 to 0.079	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/3	0.025500	ND to ND	1/4	0.042125	0.081 to 0.081	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Carbazole	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/3	0.025500	ND to ND	1/4	0.041625	0.079 to 0.079	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	1/3	0.036333	0.058 to 0.058	0/4	0.029125	ND to ND	0.0580	0	None	NC	NC	NC
Dimethylphthalate	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Fluorene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Isophorone	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	0/3	0.025500	ND to ND	1/4	0.040125	0.073 to 0.073	NC	NC	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	0/3	0.025500	ND to ND	1/4	0.056875	0.14 to 0.14	NC	NC	None	NC	NC	NC
di-n-Butylphthalate	1/3	0.042667	0.077 to 0.077	1/4	0.036875	0.06 to 0.06	0.0770	0	Wilcoxon	0.5000	NS	0.2145
di-n-Octylphthalate	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/3	0.025500	ND to ND	0/4	0.029125	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	3/3	.000037967	0.000035 to 0.00004	4/4	.00022943	0.000015 to 0.00056	0.0000396	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8,9-OCDF	3/3	.000004333	3.9E-6 to 4.6E-6	3/4	.00003246	0.000034 to 0.000048	0.00000460	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8-HpCDD	3/3	.000005867	5.7E-6 to 6E-6	3/4	.00002380	0.000021 to 0.00004	0.00000600	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,4,6,7,8-HpCDF	3/3	.000004867	4.7E-6 to 5.1E-6	3/4	.00001909	0.000017 to 0.00003	0.00000510	3	Wilcoxon	0.2034	NS	0.1576
1,2,3,4,7,8,9-HpCDF	1/3	.000000467	1E-6 to 1E-6	3/4	.00000283	1.4E-6 to 5.3E-6	0.00000100	3	Wilcoxon	0.0814	NS	0.1248
1,2,3,4,7,8-HxCDD	0/3	.000000150	ND to ND	3/4	.00000075	7.2E-7 to 1.1E-6	NC	NC	None	NC	NC	NC
1,2,3,4,7,8-HxCDF	3/3	.000002033	1.9E-6 to 2.1E-6	3/4	.00000510	2.5E-6 to 0.000011	0.00000210	3	Wilcoxon	0.2034	NS	0.1576
1,2,3,6,7,8-HxCDD	3/3	.000001367	1.2E-6 to 1.5E-6	4/4	.00000230	9.9E-7 to 3.6E-6	0.00000150	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,6,7,8-HxCDF	3/3	.000000970	8.5E-7 to 1.1E-6	3/4	.00000225	1.5E-6 to 4.5E-6	0.00000110	3	Wilcoxon	0.2054	NS	0.1562
1,2,3,7,8,9-HxCDD	3/3	.000004867	4E-6 to 5.3E-6	4/4	.00000358	2.9E-6 to 4E-6	0.00000530	0	Wilcoxon	0.9235	NS	0.3400
1,2,3,7,8,9-HxCDF	0/3	.000000183	ND to ND	2/4	.00000044	3.4E-7 to 8.2E-7	NC	NC	None	NC	NC	NC
1,2,3,7,8-PeCDD	3/3	.000001467	1.3E-6 to 1.6E-6	4/4	.00000121	7.5E-7 to 1.5E-6	0.00000160	0	Wilcoxon	0.8413	NS	0.3011
1,2,3,7,8-PeCDF	3/3	.000000667	5.4E-7 to 8E-7	3/4	.00000122	8.1E-7 to 2.7E-6	0.000000800	3	Wilcoxon	0.2054	NS	0.1562
2,3,4,6,7,8-HxCDF	3/3	.000002000	1.8E-6 to 2.2E-6	3/4	.00000449	2.3E-6 to 8.2E-6	0.00000220	3	Wilcoxon	0.2054	NS	0.1562
2,3,4,7,8-PeCDF	3/3	.000001060	8.8E-7 to 1.2E-6	3/4	.00000175	9.3E-7 to 3.9E-6	0.00000120	2	Wilcoxon	0.4328	NS	0.1924
2,3,7,8-TCDD	0/3	.000000150	ND to ND	2/4	.00000029	1.5E-7 to 2.9E-7	NC	NC	None	NC	NC	NC
2,3,7,8-TCDF	3/3	.000000907	7.9E-7 to 9.9E-7	3/4	.00000116	8.1E-7 to 2.8E-6	0.000000990	1	Wilcoxon	0.5679	NS	0.2358
Total HpCDD	3/3	.000011500	0.00001 to 0.000013	3/4	.00004218	0.000038 to 0.000074	0.0000131	3	Wilcoxon	0.2054	NS	0.1562
Total HpCDF	3/3	.000007933	5.6E-6 to 0.00001	3/4	.00003773	0.000042 to 0.000055	0.0000100	3	Wilcoxon	0.2054	NS	0.1562
Total HxCDD	3/3	.000016767	0.000014 to 0.000019	4/4	.00002508	0.00001 to 0.000034	0.0000191	3	Wilcoxon	0.2054	NS	0.1562
Total HxCDF	3/3	.000010400	8.7E-6 to 0.000012	4/4	.00002939	4.7E-7 to 0.000057	0.0000115	3	Wilcoxon	0.2054	NS	0.1562
Total PeCDD	3/3	.000003300	1.6E-6 to 4.9E-6	4/4	.00000555	1.3E-6 to 0.000012	0.00000490	2	Wilcoxon	0.5000	NS	0.2145
Total PeCDF	3/3	.000009733	7.4E-6 to 0.000012	3/4	.00002069	0.000012 to 0.000049	0.0000121	2	Wilcoxon	0.3075	NS	0.1737

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Subsurface Method=SW8290 Units=mg/kg (continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	3/3	.000001900	1.7E-6 to 2.3E-6	3/4	.00000498	4.5E-6 to 8.9E-6	0.00000230	3	Wilcoxon	0.2034	NS	0.1576
Total TCDF	3/3	.000008967	4.9E-6 to 0.000013	4/4	.00001730	2.3E-6 to 0.000046	0.0000133	1	Wilcoxon	0.5000	NS	0.2123

N = 25

AOC=Towers Area DEPTH=Surface Method=300.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Chloride	6/6	2.2550	1.56 to 3.76	2/2	6.8450	2.29 to 11.4	5.16	1	Wilcoxon	0.0886	NS	0.1697
Fluoride	1/6	0.2905	0.763 to 0.763	0/2	0.1775	ND to ND	0.763	0	None	NC	NC	NC

N = 2

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	5/6	5.0625	3.33 to 8.33	2/2	13.67	4.24 to 23.1	15.5	1	Wilcoxon	0.3162	NS	0.1945

N = 1

AOC=Towers Area DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	4/6	0.39667	0.43 to 0.6	5/12	0.48542	0.45 to 1.7	1.08	2	Wilcoxon	0.5913	NS	0.2257

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	6/6	49633.33	39900 to 57200	12/12	49050.00	13500 to 78800	74000	1	t-Test	0.5308	NS	0.7600
Antimony	6/6	1.63	1.4 to 2.4	10/12	1.36	0.77 to 2.7	2.40	1	Wilcoxon	0.7951	NS	0.2562
Arsenic	6/6	3.78	2.9 to 5.2	12/12	4.28	2.6 to 8.3	6.64	1	Wilcoxon	0.3732	NS	0.1960
Barium	6/6	75.85	60.2 to 96.9	12/12	108.53	13.8 to 609	130	1	Wilcoxon	0.5912	NS	0.2254
Beryllium	1/6	0.12	0.25 to 0.25	5/12	0.18	0.24 to 0.36	0.250	4	Wilcoxon	0.3061	NS	0.1879
Cadmium	6/6	0.79	0.65 to 1	11/12	0.88	0.18 to 2	1.26	2	t-Test	0.2836	NS	0.5211
Calcium	6/6	11016.67	9420 to 12800	12/12	14417.50	3520 to 27700	15400	5	t-Test	0.0678	NS	0.5464
Chromium	6/6	30.15	26.4 to 34.5	12/12	29.61	6.3 to 47.9	39.9	5	t-Test	0.5462	NS	0.7267
Cobalt	6/6	22.27	19.6 to 24.9	12/12	19.36	3.5 to 29	28.9	2	Wilcoxon	0.5000	NS	0.2102
Copper	6/6	100.73	90 to 115	12/12	96.91	7.5 to 150	134	4	Wilcoxon	0.2753	NS	0.1835
Iron	6/6	44316.67	38000 to 50600	12/12	42425.00	11100 to 64400	60600	1	Wilcoxon	0.3065	NS	0.1875
Lead	6/6	37.80	13.8 to 57.3	12/12	23.58	3 to 97.5	95.5	1	Wilcoxon	0.9699	NS	0.3185
Magnesium	6/6	11400.00	11000 to 11700	12/12	8112.50	2450 to 11700	12400	0	Wilcoxon	0.9857	NS	0.3407
Manganese	6/6	796.67	682 to 875	12/12	766.00	173 to 1200	1050	4	Wilcoxon	0.2754	NS	0.1834
Mercury	6/6	0.11	0.06 to 0.14	9/12	0.05	0.03 to 0.14	0.228	0	t-Test	0.9973	NS	0.8920
Nickel	6/6	33.43	30.5 to 35.4	12/12	25.68	5.7 to 38.8	39.5	0	Wilcoxon	0.8416	NS	0.2654
Potassium	6/6	409.50	362 to 525	12/12	661.58	198 to 989	643	7	t-Test	0.0036	S	0.5592
Selenium	6/6	0.54	0.43 to 0.61	2/12	0.25	0.4 to 0.74	0.794	0	Wilcoxon	0.9934	NS	0.3625
Silver	6/6	0.37	0.27 to 0.61	9/12	0.26	0.2 to 0.43	0.610	0	Wilcoxon	0.8623	NS	0.2708
Sodium	6/6	1758.33	1470 to 1990	12/12	1135.92	533 to 1970	2430	0	t-Test	0.9996	NS	0.9964
Thallium	6/6	1.11	0.85 to 1.3	7/12	1.15	1 to 2.5	1.82	4	t-Test	0.4426	NS	0.4700
Vanadium	6/6	182.33	148 to 215	12/12	172.86	34.8 to 287	268	1	t-Test	0.6284	NS	0.7248
Zinc	6/6	106.88	71 to 156	12/12	95.80	25.5 to 223	224	0	t-Test	0.6959	NS	0.6344

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

AOC=Towers Area DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/6	0.00016	ND to ND	5/12	0.003667	0.0044 to 0.015	NC	NC	None	NC	NC	NC
4,4'-DDE	6/6	0.19553	0.00086 to 0.99	10/12	0.047615	0.0016 to 0.17	0.990	0	Wilcoxon	0.5184	NS	0.2166
4,4'-DDT	5/6	0.04476	0.0069 to 0.2	10/12	0.047357	0.0015 to 0.24	0.200	1	Wilcoxon	0.4088	NS	0.1996
Aldrin	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Dieldrin	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/6	0.00016	ND to ND	0/12	0.000126	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/6	.00015500	ND to ND	1/12	.0001879	0.00088 to 0.00088	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/6	.00015500	ND to ND	1/12	.0002304	0.0014 to 0.0014	NC	NC	None	NC	NC	NC
Methoxychlor	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	1/6	.00027833	0.00087 to 0.00087	4/12	.0014475	0.002 to 0.0078	0.000870	4	Wilcoxon	0.5000	NS	0.2106
beta-BHC	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/6	.00015500	ND to ND	0/12	.0001258	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/6	.00015500	ND to ND	4/12	.0014392	0.0023 to 0.0082	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/6	0.026417	ND to ND	1/12	0.034833	0.14 to 0.14	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/6	0.026417	ND to ND	1/12	0.042333	0.23 to 0.23	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/6	0.026417	ND to ND	1/12	0.038167	0.18 to 0.18	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/6	0.026417	ND to ND	1/12	0.037333	0.17 to 0.17	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/6	0.026417	ND to ND	1/12	0.039833	0.2 to 0.2	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	2/6	0.044167	0.076 to 0.083	1/12	0.030250	0.09 to 0.09	0.0830	1	Wilcoxon	0.8892	NS	0.2786
Carbazole	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Chrysene	0/6	0.026417	ND to ND	2/12	0.039458	0.051 to 0.17	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Dibenzofuran	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	5/6	0.069167	0.058 to 0.13	2/12	0.036333	0.077 to 0.11	0.194	0	Wilcoxon	0.9727	NS	0.3218
Dimethylphthalate	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	2/6	0.036583	0.055 to 0.06	5/12	0.043958	0.055 to 0.11	0.0600	3	Wilcoxon	0.3908	NS	0.1980
Fluorene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/6	0.026417	ND to ND	0/12	0.025167	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Isophorone	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Phenol	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	2/6	0.03792	0.053 to 0.07	7/12	0.05433	0.056 to 0.16	0.0700	2	Wilcoxon	0.2455	NS	0.1799
bis(2-Chloroethoxy)methane	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	6/6	0.27333	0.13 to 0.5	12/12	0.27400	0.056 to 0.76	0.785	0	Wilcoxon	0.7397	NS	0.2461
di-n-Butylphthalate	6/6	0.14650	0.099 to 0.28	6/12	0.06742	0.058 to 0.2	0.280	0	Wilcoxon	0.9856	NS	0.3402
di-n-Octylphthalate	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/6	0.02642	ND to ND	0/12	0.02517	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	6/6	.00049350	0.000257 to 0.000757	12/12	.00082428	0.000011 to 0.00318	0.00118	2	Wilcoxon	0.5184	NS	0.2166
1,2,3,4,6,7,8,9-OCDF	6/6	.00007485	0.000038 to 0.000136	12/12	.00010249	1.8E-6 to 0.000555	0.000212	2	Wilcoxon	0.7397	NS	0.2461
1,2,3,4,6,7,8-HpCDD	6/6	.00009028	0.000054 to 0.000156	12/12	.00008183	1.8E-6 to 0.000423	0.000235	1	Wilcoxon	0.9039	NS	0.2824
1,2,3,4,6,7,8-HpCDF	6/6	.00008132	0.000042 to 0.000172	12/12	.00006206	2.6E-6 to 0.00033	0.000258	1	Wilcoxon	0.9641	NS	0.3132
1,2,3,4,7,8,9-HpCDF	6/6	.00001193	5E-6 to 0.000028	12/12	.00001159	6E-7 to 0.000066	0.0000419	1	Wilcoxon	0.9402	NS	0.2976
1,2,3,4,7,8-HxCDD	6/6	.00000463	2.5E-6 to 9E-6	9/12	.00000294	1E-6 to 0.000018	0.0000137	1	Wilcoxon	0.9751	NS	0.3247
1,2,3,4,7,8-HxCDF	6/6	.00003988	0.000019 to 0.000098	12/12	.00002377	1E-6 to 0.00014	0.0000978	1	Wilcoxon	0.9826	NS	0.3345
1,2,3,6,7,8-HxCDD	6/6	.00001035	5.6E-6 to 0.00002	11/12	.00000714	3.2E-7 to 0.00004	0.0000291	1	Wilcoxon	0.9726	NS	0.3216
1,2,3,6,7,8-HxCDF	6/6	.00001727	8E-6 to 0.000041	12/12	.00001008	6.2E-7 to 0.000061	0.0000412	1	Wilcoxon	0.9826	NS	0.3345
1,2,3,7,8,9-HxCDD	6/6	.00001460	8.2E-6 to 0.000023	11/12	.00000943	4.4E-7 to 0.000046	0.0000359	1	Wilcoxon	0.9699	NS	0.3185
1,2,3,7,8,9-HxCDF	6/6	.00000146	8.8E-7 to 3.8E-6	8/12	.00000125	5.6E-7 to 6.4E-6	0.00000380	1	Wilcoxon	0.9495	NS	0.3032
1,2,3,7,8-PeCDD	6/6	.00000502	3.2E-6 to 9.8E-6	10/12	.00000285	1.1E-6 to 0.000014	0.00000980	1	Wilcoxon	0.9827	NS	0.3350
1,2,3,7,8-PeCDF	6/6	.00000920	3.8E-6 to 0.00002	12/12	.00000455	3.1E-7 to 0.000025	0.0000306	0	Wilcoxon	0.9827	NS	0.3348
2,3,4,6,7,8-HxCDF	6/6	.00003915	0.000015 to 0.000101	12/12	.00001978	9.1E-7 to 0.000114	0.000101	1	Wilcoxon	0.9826	NS	0.3345
2,3,4,7,8-PeCDF	6/6	.00001568	6.3E-6 to 0.000037	11/12	.00000760	6.8E-7 to 0.000043	0.0000374	1	Wilcoxon	0.9826	NS	0.3345
2,3,7,8-TCDD	5/6	.00000073	4.7E-7 to 1.5E-6	6/12	.00000050	2.1E-7 to 2.1E-6	0.00000240	0	Wilcoxon	0.9300	NS	0.2931
2,3,7,8-TCDF	6/6	.00001100	3.6E-6 to 0.000021	9/12	.00000322	8.2E-7 to 0.000016	0.0000328	0	Wilcoxon	0.9881	NS	0.3454
Total HpCDD	6/6	.00017983	0.000107 to 0.000318	12/12	.00015129	2.1E-6 to 0.000805	0.000488	1	Wilcoxon	0.9297	NS	0.2925
Total HpCDF	6/6	.00015158	0.000079 to 0.000323	12/12	.00013373	4.6E-6 to 0.000659	0.000487	1	Wilcoxon	0.9402	NS	0.2976
Total HxCDD	6/6	.00012453	0.000069 to 0.000239	12/12	.00007473	2.4E-6 to 0.000403	0.000362	1	Wilcoxon	0.9856	NS	0.3400
Total HxCDF	6/6	.00021335	0.000096 to 0.000535	12/12	.00012653	3.5E-6 to 0.000738	0.000535	1	Wilcoxon	0.9749	NS	0.3238
Total PeCDD	6/6	.00006188	0.000025 to 0.000205	12/12	.00003281	3.7E-7 to 0.000138	0.000205	0	Wilcoxon	0.9699	NS	0.3185
Total PeCDF	6/6	.00022182	0.000076 to 0.000608	12/12	.00010235	2.6E-6 to 0.000592	0.000608	0	Wilcoxon	0.9856	NS	0.3400

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Towers Area DEPTH=Surface Method=SW8290 Units=mg/kg (continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	6/6	.00005538	0.000021 to 0.000152	12/12	.00004973	2.9E-7 to 0.000278	0.000152	1	Wilcoxon	0.9494	NS	0.3028
Total TCDF	6/6	.00019707	0.00006 to 0.000522	12/12	.00007782	1E-6 to 0.000413	0.000522	0	Wilcoxon	0.9856	NS	0.3400

N = 25

AOC=Trend Analysis DEPTH=Subsurface Method=300.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Chloride	3/3	5.39667	2.25 to 9.64	1/1	7.68	7.68 to 7.68	9.64	0	Wilcoxon	0.5000	NS	0.1963
Fluoride	0/3	0.19000	ND to ND	0/1	0.76	ND to ND	NC	NC	None	NC	NC	NC

N = 2

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	3/3	4.77667	3.5 to 6.74	1/1	8.38	8.38 to 8.38	6.74	1	Wilcoxon	0.2185	NS	0.1666

N = 1

AOC=Trend Analysis DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	1/3	0.24833	0.39 to 0.39	5/11	0.45091	0.51 to 1.3	0.390	5	Wilcoxon	0.1836	NS	0.1485

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

---------- AOC=Trend Analysis DEPTH=Subsurface Method=ILM04.0 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	3/3	54100.00	52300 to 57700	11/11	76445.45	41900 to 116000	57700	8	Wilcoxon	0.1475	NS	0.1401
Antimony	2/3	0.93	1 to 1.5	7/11	3.16	1.1 to 22.5	1.50	3	Wilcoxon	0.3512	NS	0.1817
Arsenic	3/3	2.03	1.3 to 2.6	11/11	3.93	1.7 to 8.9	2.60	7	Wilcoxon	0.0812	NS	0.1202
Barium	3/3	69.87	67.9 to 72.3	11/11	129.52	55 to 606	72.3	8	Wilcoxon	0.0923	NS	0.1239
Beryllium	0/3	0.10	ND to ND	7/11	0.37	0.28 to 0.92	NC	NC	None	NC	NC	NC
Cadmium	3/3	0.49	0.47 to 0.53	11/11	1.79	0.35 to 10.4	0.530	10	Wilcoxon	0.0319	S	0.0958
Calcium	3/3	10726.67	9380 to 11600	11/11	8961.82	3090 to 13900	11600	2	Wilcoxon	0.7966	NS	0.2838
Chromium	3/3	27.13	24.9 to 30.8	11/11	48.05	20.6 to 77.5	30.8	9	Wilcoxon	0.0553	NS	0.1091
Cobalt	3/3	23.33	22.2 to 25	11/11	28.95	18.8 to 42.3	25.0	8	Wilcoxon	0.1475	NS	0.1401
Copper	3/3	107.67	103 to 116	11/11	257.00	103 to 1290	116	9	Wilcoxon	0.0366	S	0.0990
Iron	3/3	47666.67	45100 to 51800	11/11	65081.82	40300 to 97100	51800	8	Wilcoxon	0.1174	NS	0.1317
Lead	3/3	7.33	5.4 to 8.7	11/11	116.38	5.5 to 869	8.70	8	Wilcoxon	0.0482	S	0.1057
Magnesium	3/3	11700.00	10900 to 12200	11/11	10230.00	8260 to 15100	12200	1	Wilcoxon	0.9374	NS	0.3512
Manganese	3/3	830.67	800 to 890	11/11	1167.91	771 to 1540	890	9	Wilcoxon	0.0421	S	0.1023
Mercury	3/3	0.03	0.02 to 0.04	10/11	0.17	0.04 to 1.2	0.0400	8	Wilcoxon	0.0361	S	0.0993
Nickel	3/3	30.77	28.5 to 32.9	11/11	43.80	22.9 to 72	32.9	9	Wilcoxon	0.0717	NS	0.1163
Potassium	3/3	273.33	263 to 285	11/11	454.09	172 to 1080	285	6	Wilcoxon	0.3241	NS	0.1761
Selenium	2/3	0.46	0.58 to 0.6	8/11	1.22	0.67 to 3	0.600	8	Wilcoxon	0.0923	NS	0.1239
Silver	0/3	0.10	ND to ND	4/11	5.03	0.33 to 53.3	NC	NC	None	NC	NC	NC
Sodium	3/3	1890.00	1750 to 2030	11/11	884.55	116 to 1700	2030	0	Wilcoxon	0.9865	NS	0.4294
Thallium	2/3	1.17	1.4 to 1.7	3/11	1.45	3.3 to 5.2	1.70	3	Wilcoxon	0.5608	NS	0.2296
Vanadium	3/3	197.67	185 to 219	11/11	280.36	143 to 484	219	8	Wilcoxon	0.1478	NS	0.1399
Zinc	3/3	44.33	40 to 48.6	11/11	247.33	50.2 to 1710	48.6	11	Wilcoxon	0.0135	S	0.0779

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

AOC=Trend Analysis DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/3	.0001267	ND to ND	2/11	0.001045	0.0039 to 0.0062	NC	NC	None	NC	NC	NC
4,4'-DDE	3/3	.0026300	0.00099 to 0.0058	7/11	0.098845	0.00073 to 0.69	0.00580	5	Wilcoxon	0.5607	NS	0.2290
4,4'-DDT	2/3	.0008750	0.0008 to 0.0017	6/11	0.068349	0.001 to 0.32	0.00170	5	Wilcoxon	0.2717	NS	0.1669
Aldrin	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/3	.0001267	ND to ND	2/11	0.029943	0.028 to 0.3	NC	NC	None	NC	NC	NC
Dieldrin	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/3	.0001267	ND to ND	0/11	0.000151	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	0/3	.00012667	ND to ND	1/11	.00082864	0.0076 to 0.0076	NC	NC	None	NC	NC	NC
beta-BHC	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/3	.00012667	ND to ND	0/11	.00015136	ND to ND	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/3	0.0255	ND to ND	0/11	0.030182	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthylene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Anthracene	0/3	0.025500	ND to ND	1/11	0.03418	0.074 to 0.074	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/3	0.025500	ND to ND	4/11	0.09927	0.063 to 0.55	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/3	0.025500	ND to ND	4/11	0.09186	0.066 to 0.42	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/3	0.025500	ND to ND	4/11	0.13891	0.069 to 0.8	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/3	0.025500	ND to ND	4/11	0.08000	0.051 to 0.31	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/3	0.025500	ND to ND	3/11	0.05459	0.067 to 0.21	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	0/3	0.025500	ND to ND	1/11	0.03391	0.071 to 0.071	NC	NC	None	NC	NC	NC
Carbazole	0/3	0.025500	ND to ND	1/11	0.03418	0.074 to 0.074	NC	NC	None	NC	NC	NC
Chrysene	0/3	0.025500	ND to ND	4/11	0.10073	0.059 to 0.56	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/3	0.025500	ND to ND	1/11	0.03618	0.096 to 0.096	NC	NC	None	NC	NC	NC
Dibenzofuran	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Diethylphthalate	1/3	0.036333	0.058 to 0.058	1/11	0.04168	0.16 to 0.16	0.0580	1	Wilcoxon	0.4391	NS	0.1970
Dimethylphthalate	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	0/3	0.025500	ND to ND	4/11	0.13300	0.064 to 0.89	NC	NC	None	NC	NC	NC
Fluorene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/3	0.025500	ND to ND	3/11	0.07041	0.12 to 0.28	NC	NC	None	NC	NC	NC
Isophorone	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Naphthalene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/3	0.025500	ND to ND	3/11	0.06182	0.058 to 0.31	NC	NC	None	NC	NC	NC
Phenol	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	0/3	0.025500	ND to ND	5/11	0.12645	0.061 to 0.76	NC	NC	None	NC	NC	NC
bis(2-Chloroethoxy)methane	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	0/3	0.025500	ND to ND	3/11	0.06827	0.088 to 0.3	NC	NC	None	NC	NC	NC
di-n-Butylphthalate	1/3	0.042667	0.077 to 0.077	7/11	0.19205	0.068 to 0.64	0.0770	6	Wilcoxon	0.1167	NS	0.1321
di-n-Octylphthalate	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/3	0.025500	ND to ND	0/11	0.03018	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	3/3	.000037967	0.000035 to 0.00004	11/11	.0011463	8.5E-6 to 0.0058	0.0000396	9	Wilcoxon	0.0717	NS	0.1163
1,2,3,4,6,7,8,9-OCDF	3/3	.000004333	3.9E-6 to 4.6E-6	11/11	.0000796	2.5E-6 to 0.000334	0.00000460	9	Wilcoxon	0.0717	NS	0.1163
1,2,3,4,6,7,8-HpCDD	3/3	.000005867	5.7E-6 to 6E-6	11/11	.0001445	2.2E-6 to 0.000997	0.00000600	9	Wilcoxon	0.0482	S	0.1057
1,2,3,4,6,7,8-HpCDF	3/3	.000004867	4.7E-6 to 5.1E-6	11/11	.0000628	2E-6 to 0.000291	0.00000510	9	Wilcoxon	0.0717	NS	0.1163
1,2,3,4,7,8,9-HpCDF	1/3	.000000467	1E-6 to 1E-6	9/11	.0000081	6.3E-7 to 0.000048	0.00000100	7	Wilcoxon	0.0421	S	0.1023
1,2,3,4,7,8-HxCDD	0/3	.000000150	ND to ND	7/11	.0000037	5E-7 to 0.000021	NC	NC	None	NC	NC	NC
1,2,3,4,7,8-HxCDF	3/3	.000002033	1.9E-6 to 2.1E-6	11/11	.0000195	8.9E-7 to 0.000092	0.00000210	9	Wilcoxon	0.0626	NS	0.1129
1,2,3,6,7,8-HxCDD	3/3	.000001367	1.2E-6 to 1.5E-6	10/11	.0000104	9.4E-7 to 0.000066	0.00000150	8	Wilcoxon	0.1038	NS	0.1280
1,2,3,6,7,8-HxCDF	3/3	.000000970	8.5E-7 to 1.1E-6	11/11	.0000076	5.3E-7 to 0.000035	0.00000110	9	Wilcoxon	0.0551	NS	0.1092
1,2,3,7,8,9-HxCDD	3/3	.000004867	4E-6 to 5.3E-6	11/11	.0000167	3.2E-6 to 0.000078	0.00000530	7	Wilcoxon	0.1475	NS	0.1401
1,2,3,7,8,9-HxCDF	0/3	.000000183	ND to ND	6/11	.0000020	5E-7 to 7.3E-6	NC	NC	None	NC	NC	NC
1,2,3,7,8-PeCDD	3/3	.000001467	1.3E-6 to 1.6E-6	11/11	.0000039	7.2E-7 to 0.000019	0.00000160	6	Wilcoxon	0.2714	NS	0.1671
1,2,3,7,8-PeCDF	3/3	.000000667	5.4E-7 to 8E-7	9/11	.0000056	9.5E-7 to 0.000027	0.000000800	9	Wilcoxon	0.0717	NS	0.1163
2,3,4,6,7,8-HxCDF	3/3	.000002000	1.8E-6 to 2.2E-6	11/11	.0000133	9.7E-7 to 0.000057	0.00000220	8	Wilcoxon	0.0713	NS	0.1165
2,3,4,7,8-PeCDF	3/3	.000001060	8.8E-7 to 1.2E-6	10/11	.0000074	7.2E-7 to 0.000036	0.00000120	9	Wilcoxon	0.0715	NS	0.1164
2,3,7,8-TCDD	0/3	.000000150	ND to ND	6/11	.0000007	2E-7 to 4E-6	NC	NC	None	NC	NC	NC
2,3,7,8-TCDF	3/3	.000000907	7.9E-7 to 9.9E-7	10/11	.0000051	5.6E-7 to 0.000026	0.000000990	8	Wilcoxon	0.1172	NS	0.1318
Total HpCDD	3/3	.000011500	0.00001 to 0.000013	11/11	.0002887	3.9E-6 to 0.00205	0.0000131	9	Wilcoxon	0.0422	S	0.1023
Total HpCDF	3/3	.000007933	5.6E-6 to 0.00001	11/11	.0001334	2E-6 to 0.000696	0.0000100	9	Wilcoxon	0.0553	NS	0.1091
Total HxCDD	3/3	.000016767	0.000014 to 0.000019	11/11	.0001213	0.000016 to 0.000697	0.0000191	10	Wilcoxon	0.0241	S	0.0895
Total HxCDF	3/3	.000010400	8.7E-6 to 0.000012	11/11	.0001055	3.6E-6 to 0.000488	0.0000115	8	Wilcoxon	0.1040	NS	0.1279
Total PeCDD	3/3	.000003300	1.6E-6 to 4.9E-6	11/11	.0000379	1.2E-6 to 0.000253	0.00000490	8	Wilcoxon	0.0923	NS	0.1239
Total PeCDF	3/3	.000009733	7.4E-6 to 0.000012	11/11	.0000898	4.4E-7 to 0.000461	0.0000121	8	Wilcoxon	0.0923	NS	0.1239

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Subsurface Method=SW8290 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	3/3	.000001900	1.7E-6 to 2.3E-6	11/11	.0000298	5.3E-7 to 0.000152	0.00000230	9	Wilcoxon	0.0715	NS	0.1164
Total TCDF	3/3	.000008967	4.9E-6 to 0.000013	11/11	.0000778	5.6E-7 to 0.000522	0.0000133	6	Wilcoxon	0.1834	NS	0.1486

N = 25

AOC=Trend Analysis DEPTH=Surface Method=300.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Chloride	6/6	2.2550	1.56 to 3.76	4/5	3.689	3.91 to 5	5.16	0	t-Test	0.0640	NS	0.3984
Fluoride	1/6	0.2905	0.763 to 0.763	4/5	2.235	1.8 to 3.53	0.763	4	Wilcoxon	0.0121	S	0.1251

N = 2

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=353.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Nitrate	5/6	5.0625	3.33 to 8.33	3/5	12.483	6.65 to 43.9	15.5	1	Wilcoxon	0.2686	NS	0.1860

N = 1

AOC=Trend Analysis DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Cyanide	4/6	0.39667	0.43 to 0.6	28/33	0.73136	0.34 to 1.5	1.08	6	t-Test	0.0023	S	0.3414

N = 1

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Aluminum	6/6	49633.33	39900 to 57200	33/33	65339.39	40800 to 90700	74000	11	Wilcoxon	0.0142	S	0.1123
Antimony	6/6	1.63	1.4 to 2.4	27/33	3.88	0.73 to 57.6	2.40	11	Wilcoxon	0.3639	NS	0.1935
Arsenic	6/6	3.78	2.9 to 5.2	33/33	4.79	2.6 to 14.7	6.64	3	Wilcoxon	0.0422	S	0.1308
Barium	6/6	75.85	60.2 to 96.9	33/33	126.73	56.7 to 1380	130	3	Wilcoxon	0.1033	NS	0.1504
Beryllium	1/6	0.12	0.25 to 0.25	21/33	0.29	0.24 to 0.63	0.250	19	Wilcoxon	0.0021	S	0.0882
Cadmium	6/6	0.79	0.65 to 1	33/33	2.11	0.71 to 23	1.26	19	Wilcoxon	0.0015	S	0.0843
Calcium	6/6	11016.67	9420 to 12800	33/33	8597.58	2710 to 16500	15400	1	t-Test	0.9984	NS	0.9958
Chromium	6/6	30.15	26.4 to 34.5	33/33	42.55	20.6 to 95.9	39.9	17	Wilcoxon	0.0114	S	0.1089
Cobalt	6/6	22.27	19.6 to 24.9	33/33	25.65	17.8 to 36.4	28.9	9	Wilcoxon	0.1067	NS	0.1512
Copper	6/6	100.73	90 to 115	33/33	154.49	95.3 to 591	134	18	Wilcoxon	0.0023	S	0.0887
Iron	6/6	44316.67	38000 to 50600	33/33	56581.82	36800 to 78500	60600	11	Wilcoxon	0.0114	S	0.1089
Lead	6/6	37.80	13.8 to 57.3	33/33	107.23	15.1 to 1420	95.5	8	Wilcoxon	0.0457	S	0.1322
Magnesium	6/6	11400.00	11000 to 11700	33/33	9497.27	7380 to 15600	12400	2	Wilcoxon	0.9964	NS	0.3899
Manganese	6/6	796.67	682 to 875	33/33	1024.33	733 to 1380	1050	17	t-Test	0.0000	S	0.9993
Mercury	6/6	0.11	0.06 to 0.14	33/33	0.19	0.04 to 2.5	0.228	2	Wilcoxon	0.3858	NS	0.1965
Nickel	6/6	33.43	30.5 to 35.4	33/33	38.18	23 to 68.3	39.5	13	t-Test	0.0107	S	0.9804
Potassium	6/6	409.50	362 to 525	33/33	702.70	315 to 1840	643	16	Wilcoxon	0.0038	S	0.0945
Selenium	6/6	0.54	0.43 to 0.61	27/33	1.09	0.52 to 2	0.794	26	Wilcoxon	0.0142	S	0.1123
Silver	6/6	0.37	0.27 to 0.61	21/33	4.12	0.25 to 123	0.610	7	Wilcoxon	0.5767	NS	0.2239
Sodium	6/6	1758.33	1470 to 1990	33/33	825.00	344 to 1630	2430	0	Wilcoxon	0.9997	NS	0.4572
Thallium	6/6	1.11	0.85 to 1.3	12/33	1.48	2.2 to 4.3	1.82	12	Wilcoxon	0.8457	NS	0.2717
Vanadium	6/6	182.33	148 to 215	33/33	234.42	141 to 351	268	9	Wilcoxon	0.0361	S	0.1278
Zinc	6/6	106.88	71 to 156	33/33	258.96	84.8 to 3010	224	9	Wilcoxon	0.0156	S	0.1136

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

N = 23

---------- AOC=Trend Analysis DEPTH=Surface Method=OLM03.2 Units=mg/kg ----------

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4,4'-DDD	0/6	0.00016	ND to ND	2/33	0.000976	0.0097 to 0.018	NC	NC	None	NC	NC	NC
4,4'-DDE	6/6	0.19553	0.00086 to 0.99	23/33	0.040226	0.00053 to 0.73	0.990	0	Wilcoxon	0.9210	NS	0.2967
4,4'-DDT	5/6	0.04476	0.0069 to 0.2	19/33	0.054017	0.00084 to 0.84	0.200	2	Wilcoxon	0.7852	NS	0.2579
Aldrin	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1016	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1221	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1232	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1242	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1248	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1254	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Aroclor-1260	0/6	0.00016	ND to ND	1/33	0.006503	0.21 to 0.21	NC	NC	None	NC	NC	NC
Dieldrin	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan I	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan II	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endosulfan sulfate	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endrin	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endrin aldehyde	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC
Endrin ketone	0/6	0.00016	ND to ND	0/33	0.000144	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Heptachlor	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
Heptachlor epoxide	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
Methoxychlor	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
Toxaphene	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
alpha-BHC	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
alpha-Chlordane	1/6	.00027833	0.00087 to 0.00087	1/33	.00022167	0.0027 to 0.0027	0.000870	1	Wilcoxon	0.3858	NS	0.1965
beta-BHC	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
delta-BHC	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
gamma-BHC(Lindane)	0/6	.00015500	ND to ND	0/33	.00014439	ND to ND	NC	NC	None	NC	NC	NC
gamma-Chlordane	0/6	.00015500	ND to ND	1/33	.00020348	0.0021 to 0.0021	NC	NC	None	NC	NC	NC

N = 28

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,4-Trichlorobenzene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
1,2-Dichlorobenzene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
1,3-Dichlorobenzene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
1,4-Dichlorobenzene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,2'-oxybis(1-chloropropane)	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4,5-Trichlorophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4,6-Trichlorophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dichlorophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dimethylphenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,4-Dinitrotoluene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2,6-Dinitrotoluene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2-Chloronaphthalene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2-Chlorophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2-Methylnaphthalene	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2-Nitroaniline	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
2-Nitrophenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
3,3'-Dichlorobenzidine	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
3-Nitroaniline	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
4,6-Dinitro-2-methylphenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
4-Bromophenyl-phenylether	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
4-Chloro-3-methylphenol	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC
4-Chloroaniline	0/6	0.026417	ND to ND	0/33	0.028909	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
4-Chlorophenyl-phenylether	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
4-Nitroanaline	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
4-Nitrophenol	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Acenaphthene	0/6	0.026417	ND to ND	1/33	0.04106	0.43 to 0.43	NC	NC	None	NC	NC	NC
Acenaphthylene	0/6	0.026417	ND to ND	1/33	0.03264	0.15 to 0.15	NC	NC	None	NC	NC	NC
Anthracene	0/6	0.026417	ND to ND	2/33	0.05418	0.14 to 0.75	NC	NC	None	NC	NC	NC
Benzo(a)anthracene	0/6	0.026417	ND to ND	6/33	0.35439	0.077 to 9.8	NC	NC	None	NC	NC	NC
Benzo(a)pyrene	0/6	0.026417	ND to ND	10/33	0.42253	0.033 to 12	NC	NC	None	NC	NC	NC
Benzo(b)fluoranthene	0/6	0.026417	ND to ND	9/33	0.53591	0.083 to 15	NC	NC	None	NC	NC	NC
Benzo(g,h,i)perylene	0/6	0.026417	ND to ND	7/33	0.24383	0.053 to 6.4	NC	NC	None	NC	NC	NC
Benzo(k)fluoranthene	0/6	0.026417	ND to ND	4/33	0.12577	0.069 to 2.9	NC	NC	None	NC	NC	NC
Butylbenzylphthalate	2/6	0.044167	0.076 to 0.083	8/33	0.04935	0.069 to 0.26	0.0830	6	Wilcoxon	0.2748	NS	0.1812
Carbazole	0/6	0.026417	ND to ND	1/33	0.05288	0.82 to 0.82	NC	NC	None	NC	NC	NC
Chrysene	0/6	0.026417	ND to ND	11/33	0.35194	0.051 to 9.4	NC	NC	None	NC	NC	NC
Dibenz(a,h)anthracene	0/6	0.026417	ND to ND	1/33	0.09167	2.1 to 2.1	NC	NC	None	NC	NC	NC
Dibenzofuran	0/6	0.026417	ND to ND	1/33	0.03136	0.11 to 0.11	NC	NC	None	NC	NC	NC
Diethylphthalate	5/6	0.069167	0.058 to 0.13	0/33	0.02891	ND to ND	0.194	0	None	NC	NC	NC
Dimethylphthalate	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Fluoranthene	2/6	0.036583	0.055 to 0.06	13/33	0.20000	0.054 to 3.5	0.0600	10	Wilcoxon	0.0736	NS	0.1424
Fluorene	0/6	0.026417	ND to ND	2/33	0.03964	0.17 to 0.24	NC	NC	None	NC	NC	NC
Hexachloro-1,3-butadiene	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Hexachlorobenzene	0/6	0.026417	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=OLM03.2 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Hexachlorocyclopentadiene	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Hexachloroethane	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Indeno(1,2,3-cd)pyrene	0/6	0.02642	ND to ND	5/33	0.23695	0.062 to 6.3	NC	NC	None	NC	NC	NC
Isophorone	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
N-Nitroso-di-n-propylamine	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
N-Nitrosodiphenylamine	0/6	0.02642	ND to ND	1/33	0.03018	0.071 to 0.071	NC	NC	None	NC	NC	NC
Naphthalene	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Nitrobenzene	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Pentachlorophenol	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Phenanthrene	0/6	0.02642	ND to ND	6/33	0.12891	0.077 to 2.1	NC	NC	None	NC	NC	NC
Phenol	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
Pyrene	2/6	0.03792	0.053 to 0.07	17/33	0.50424	0.05 to 13	0.0700	11	Wilcoxon	0.0295	S	0.1241
bis(2-Chloroethoxy)methane	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Chloroethyl)ether	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
bis(2-Ethylhexyl)phthalate	6/6	0.27333	0.13 to 0.5	32/33	0.29706	0.066 to 2.1	0.785	1	Wilcoxon	0.7056	NS	0.2433
di-n-Butylphthalate	6/6	0.14650	0.099 to 0.28	26/33	0.21515	0.069 to 0.71	0.280	8	Wilcoxon	0.3354	NS	0.1896
di-n-Octylphthalate	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
o-Cresol	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC
p-Cresol	0/6	0.02642	ND to ND	0/33	0.02891	ND to ND	NC	NC	None	NC	NC	NC

N = 64

S = one-tailed test statistically significant at the alpha = 0.05 significance level

NS = one-tailed test not statistically significant at the alpha = 0.05 significance level

(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=SW8290 Units=mg/kg

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
1,2,3,4,6,7,8,9-OCDD	6/6	.00049350	0.000257 to 0.000757	33/33	.0018269	0.00009 to 0.02004	0.00118	13	Wilcoxon	0.0142	S	0.1123
1,2,3,4,6,7,8,9-OCDF	6/6	.00007485	0.000038 to 0.000136	33/33	.0004318	0.000018 to 0.00396	0.000212	12	Wilcoxon	0.0230	S	0.1198
1,2,3,4,6,7,8-HpCDD	6/6	.00009028	0.000054 to 0.000156	33/33	.0004290	0.00002 to 0.00429	0.000235	13	Wilcoxon	0.0170	S	0.1150
1,2,3,4,6,7,8-HpCDF	6/6	.00008132	0.000042 to 0.000172	33/33	.0003898	0.000022 to 0.00274	0.000258	11	Wilcoxon	0.0261	S	0.1220
1,2,3,4,7,8,9-HpCDF	6/6	.00001193	5E-6 to 0.000028	33/33	.0000762	3.3E-6 to 0.000857	0.0000419	9	Wilcoxon	0.0186	S	0.1163
1,2,3,4,7,8-HxCDD	6/6	.00000463	2.5E-6 to 9E-6	32/33	.0000225	1.1E-6 to 0.000144	0.0000137	14	Wilcoxon	0.0211	S	0.1184
1,2,3,4,7,8-HxCDF	6/6	.00003988	0.000019 to 0.000098	33/33	.0001780	7E-6 to 0.0016	0.0000978	13	Wilcoxon	0.0493	S	0.1337
1,2,3,6,7,8-HxCDD	6/6	.00001035	5.6E-6 to 0.00002	33/33	.0000420	3.2E-6 to 0.000364	0.0000291	12	Wilcoxon	0.0512	NS	0.1345
1,2,3,6,7,8-HxCDF	6/6	.00001727	8E-6 to 0.000041	33/33	.0000648	3.8E-6 to 0.000424	0.0000412	12	Wilcoxon	0.0846	NS	0.1455
1,2,3,7,8,9-HxCDD	6/6	.00001460	8.2E-6 to 0.000023	33/33	.0000609	7.5E-6 to 0.000472	0.0000359	14	Wilcoxon	0.0156	S	0.1136
1,2,3,7,8,9-HxCDF	6/6	.00000146	8.8E-7 to 3.8E-6	30/33	.0000129	1.3E-6 to 0.000165	0.00000380	16	Wilcoxon	0.0068	S	0.1019
1,2,3,7,8-PeCDD	6/6	.00000502	3.2E-6 to 9.8E-6	33/33	.0000163	2E-6 to 0.000108	0.00000980	13	Wilcoxon	0.1138	NS	0.1529
1,2,3,7,8-PeCDF	6/6	.00000920	3.8E-6 to 0.00002	33/33	.0000483	1.3E-6 to 0.000615	0.0000306	9	Wilcoxon	0.0817	NS	0.1447
2,3,4,6,7,8-HxCDF	6/6	.00003915	0.000015 to 0.000101	33/33	.0001120	6.2E-6 to 0.000562	0.000101	10	Wilcoxon	0.0905	NS	0.1471
2,3,4,7,8-PeCDF	6/6	.00001568	6.3E-6 to 0.000037	33/33	.0000535	2.1E-6 to 0.000311	0.0000374	10	Wilcoxon	0.1103	NS	0.1520
2,3,7,8-TCDD	5/6	.00000073	4.7E-7 to 1.5E-6	30/33	.0000030	4.2E-7 to 0.000024	0.00000240	6	Wilcoxon	0.0736	NS	0.1423
2,3,7,8-TCDF	6/6	.00001100	3.6E-6 to 0.000021	33/33	.0000375	1.5E-6 to 0.00054	0.0000328	7	Wilcoxon	0.4769	NS	0.2082
Total HpCDD	6/6	.00017983	0.000107 to 0.000318	33/33	.0008462	0.000042 to 0.00836	0.000488	13	Wilcoxon	0.0156	S	0.1136
Total HpCDF	6/6	.00015158	0.000079 to 0.000323	33/33	.0007015	0.000038 to 0.00476	0.000487	9	Wilcoxon	0.0240	S	0.1205
Total HxCDD	6/6	.00012453	0.000069 to 0.000239	33/33	.0005896	0.000048 to 0.00426	0.000362	13	Wilcoxon	0.0202	S	0.1177
Total HxCDF	6/6	.00021335	0.000096 to 0.000535	33/33	.0007468	0.000028 to 0.00432	0.000535	11	Wilcoxon	0.0662	NS	0.1399
Total PeCDD	6/6	.00006188	0.000025 to 0.000205	33/33	.0003166	6.1E-6 to 0.0019	0.000205	11	Wilcoxon	0.0170	S	0.1150
Total PeCDF	6/6	.00022182	0.000076 to 0.000608	33/33	.0006420	0.000031 to 0.0035	0.000608	8	Wilcoxon	0.1213	NS	0.1545

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Site vs. Reference: Means Comparisons and UTL Statistics

AOC=Trend Analysis DEPTH=Surface Method=SW8290 Units=mg/kg

(continued)

Analyte	REF Hits	REF Mean	REF Range	Site Hits	Site Mean	Site Range	REF UTL	N > UTL for Bkgrd	Test Type	P-Value for Test	Test Conclusion	Test Power (a)
Total TCDD	6/6	.00005538	0.000021 to 0.000152	33/33	.0002037	7.7E-6 to 0.00122	0.000152	10	Wilcoxon	0.0439	S	0.1315
Total TCDF	6/6	.00019707	0.00006 to 0.000522	33/33	.0004414	0.000011 to 0.00333	0.000522	6	Wilcoxon	0.3011	NS	0.1848

N = 25

S = one-tailed test statistically significant at the alpha = 0.05 significance level
NS = one-tailed test not statistically significant at the alpha = 0.05 significance level
(a) = Power to detect a difference of 50% between reference and the site (alpha=0.05)

Reference Area 1 UTLs

DEPTH=Subsurface Method=300.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Chloride	3/3	9.64	NP	95	36.84031

DEPTH=Subsurface Method=353.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Nitrate	3/3	6.74	NP	95	36.84031

DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Cyanide	1/3	0.390	NP	95	36.84031

DEPTH=Subsurface Method=ILM04.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Aluminum	3/3	57700	NP	95	36.84031
Antimony	2/3	1.50	NP	95	36.84031

DEPTH=Subsurface Method=ILM04.0 Units=mg/kg
(continued)

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Arsenic	3/3	2.60	NP	95	36.84031
Barium	3/3	72.3	NP	95	36.84031
Cadmium	3/3	0.530	NP	95	36.84031
Calcium	3/3	11600	NP	95	36.84031
Chromium	3/3	30.8	NP	95	36.84031
Cobalt	3/3	25.0	NP	95	36.84031
Copper	3/3	116	NP	95	36.84031
Iron	3/3	51800	NP	95	36.84031
Lead	3/3	8.70	NP	95	36.84031
Magnesium	3/3	12200	NP	95	36.84031
Manganese	3/3	890	NP	95	36.84031
Mercury	3/3	0.0400	NP	95	36.84031
Nickel	3/3	32.9	NP	95	36.84031
Potassium	3/3	285	NP	95	36.84031
Selenium	2/3	0.600	NP	95	36.84031
Sodium	3/3	2030	NP	95	36.84031
Thallium	2/3	1.70	NP	95	36.84031
Vanadium	3/3	219	NP	95	36.84031
Zinc	3/3	48.6	NP	95	36.84031

DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
4,4'-DDE	3/3	0.00580	NP	95	36.84031

DEPTH=Subsurface Method=OLM03.2 Units=mg/kg (continued)

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
4,4'-DDT	2/3	0.00170	NP	95	36.84031

DEPTH=Subsurface Method=OLM03.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Diethylphthalate	1/3	0.0580	NP	95	36.84031
di-n-Butylphthalate	1/3	0.0770	NP	95	36.84031

DEPTH=Subsurface Method=SW8290 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
1,2,3,4,6,7,8,9-OCDD	3/3	0.0000396	NP	95	36.84031
1,2,3,4,6,7,8,9-OCDF	3/3	0.00000460	NP	95	36.84031
1,2,3,4,6,7,8-HpCDD	3/3	0.00000600	NP	95	36.84031
1,2,3,4,6,7,8-HpCDF	3/3	0.00000510	NP	95	36.84031
1,2,3,4,7,8,9-HpCDF	1/3	0.00000100	NP	95	36.84031
1,2,3,4,7,8-HxCDF	3/3	0.00000210	NP	95	36.84031
1,2,3,6,7,8-HxCDD	3/3	0.00000150	NP	95	36.84031
1,2,3,6,7,8-HxCDF	3/3	0.00000110	NP	95	36.84031
1,2,3,7,8,9-HxCDD	3/3	0.00000530	NP	95	36.84031

DEPTH=Subsurface Method=SW8290 Units=mg/kg
(continued)

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
1,2,3,7,8-PeCDD	3/3	0.00000160	NP	95	36.84031
1,2,3,7,8-PeCDF	3/3	0.000000800	NP	95	36.84031
2,3,4,6,7,8-HxCDF	3/3	0.00000220	NP	95	36.84031
2,3,4,7,8-PeCDF	3/3	0.00000120	NP	95	36.84031
2,3,7,8-TCDF	3/3	0.000000990	NP	95	36.84031
Total HpCDD	3/3	0.0000131	NP	95	36.84031
Total HpCDF	3/3	0.0000100	NP	95	36.84031
Total HxCDD	3/3	0.0000191	NP	95	36.84031
Total HxCDF	3/3	0.0000115	NP	95	36.84031
Total PeCDD	3/3	0.00000490	NP	95	36.84031
Total PeCDF	3/3	0.0000121	NP	95	36.84031
Total TCDD	3/3	0.00000230	NP	95	36.84031
Total TCDF	3/3	0.0000133	NP	95	36.84031

DEPTH=Surface Method=300.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Chloride	6/6	5.16	Normal	95	95
Fluoride	1/6	0.763	NP	95	60.69622

DEPTH=Surface Method=353.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Nitrate	5/6	15.5	Normal	95	95

DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Cyanide	4/6	1.08	Normal	95	95

DEPTH=Surface Method=ILM04.0 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Aluminum	6/6	74000	Normal	95	95
Antimony	6/6	2.40	NP	95	60.69622
Arsenic	6/6	6.64	Normal	95	95
Barium	6/6	130	Normal	95	95
Beryllium	1/6	0.250	NP	95	60.69622
Cadmium	6/6	1.26	Normal	95	95
Calcium	6/6	15400	Normal	95	95
Chromium	6/6	39.9	Normal	95	95
Cobalt	6/6	28.9	Normal	95	95
Copper	6/6	134	Normal	95	95
Iron	6/6	60600	Normal	95	95

DEPTH=Surface Method=ILM04.0 Units=mg/kg

(continued)

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Lead	6/6	95.5	Normal	95	95
Magnesium	6/6	12400	Normal	95	95
Manganese	6/6	1050	Normal	95	95
Mercury	6/6	0.228	Normal	95	95
Nickel	6/6	39.5	Normal	95	95
Potassium	6/6	643	Normal	95	95
Selenium	6/6	0.794	Normal	95	95
Silver	6/6	0.610	NP	95	60.69622
Sodium	6/6	2430	Normal	95	95
Thallium	6/6	1.82	Normal	95	95
Vanadium	6/6	268	Normal	95	95
Zinc	6/6	224	Normal	95	95

DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
4,4'-DDE	6/6	0.990	NP	95	60.69622
4,4'-DDT	5/6	0.200	NP	95	60.69622
alpha-Chlordane	1/6	0.000870	NP	95	60.69622

DEPTH=Surface Method=OLM03.2 Units=mg/kg

Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
Butylbenzylphthalate	2/6	0.0830	NP	95	60.69622
Diethylphthalate	5/6	0.194	Normal	95	95
Fluoranthene	2/6	0.0600	NP	95	60.69622
Pyrene	2/6	0.0700	NP	95	60.69622
bis(2-Ethylhexyl)phthalate	6/6	0.785	Normal	95	95
di-n-Butylphthalate	6/6	0.280	NP	95	60.69622

DEPTH=Surface Method=SW8290 Units=mg/kg

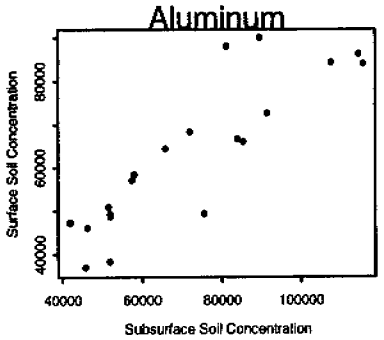
Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
1,2,3,4,6,7,8,9-OCDD	6/6	0.00118	Normal	95	95
1,2,3,4,6,7,8,9-OCDF	6/6	0.000212	Normal	95	95
1,2,3,4,6,7,8-HpCDD	6/6	0.000235	Normal	95	95
1,2,3,4,6,7,8-HpCDF	6/6	0.000258	Normal	95	95
1,2,3,4,7,8,9-HpCDF	6/6	0.0000419	Normal	95	95
1,2,3,4,7,8-HxCDD	6/6	0.0000137	Normal	95	95
1,2,3,4,7,8-HxCDF	6/6	0.0000978	NP	95	60.69622
1,2,3,6,7,8-HxCDD	6/6	0.0000291	Normal	95	95
1,2,3,6,7,8-HxCDF	6/6	0.0000412	NP	95	60.69622
1,2,3,7,8,9-HxCDD	6/6	0.0000359	Normal	95	95
1,2,3,7,8,9-HxCDF	6/6	0.00000380	NP	95	60.69622
1,2,3,7,8-PeCDD	6/6	0.00000980	NP	95	60.69622
1,2,3,7,8-PeCDF	6/6	0.0000306	Normal	95	95
2,3,4,6,7,8-HxCDF	6/6	0.000101	NP	95	60.69622
2,3,4,7,8-PeCDF	6/6	0.0000374	NP	95	60.69622

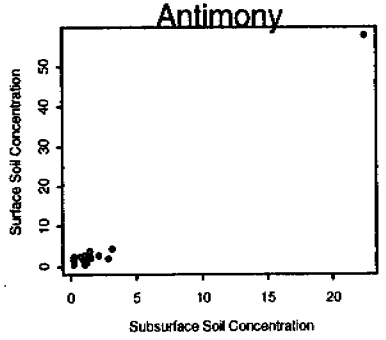
DEPTH=Surface Method=SW8290 Units=mg/kg
(continued)

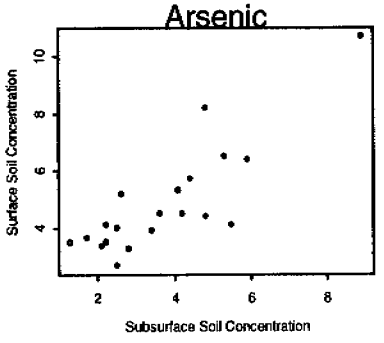
Analyte	REF1 Det/N	Upper Tolerance Limit	UTL Type	Confidence (%)	Coverage (%)
2,3,7,8-TCDD	5/6	0.00000240	Normal	95	95
2,3,7,8-TCDF	6/6	0.0000328	Normal	95	95
Total HpCDD	6/6	0.000488	Normal	95	95
Total HpCDF	6/6	0.000487	Normal	95	95
Total HxCDD	6/6	0.000362	Normal	95	95
Total HxCDF	6/6	0.000535	NP	95	60.69622
Total PeCDD	6/6	0.000205	NP	95	60.69622
Total PeCDF	6/6	0.000608	NP	95	60.69622
Total TCDD	6/6	0.000152	NP	95	60.69622
Total TCDF	6/6	0.000522	NP	95	60.69622

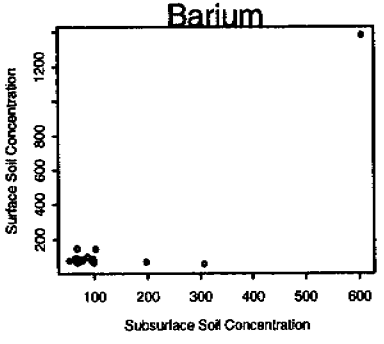
Surface Soil vs. Subsurface Soil Scatterplots

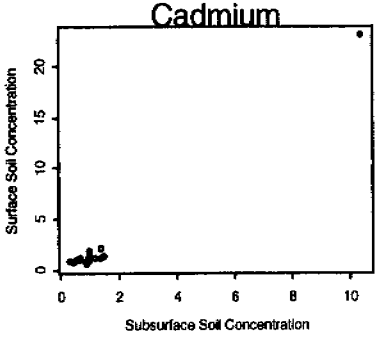
Inorganic Surface vs Subsurface Concentrations

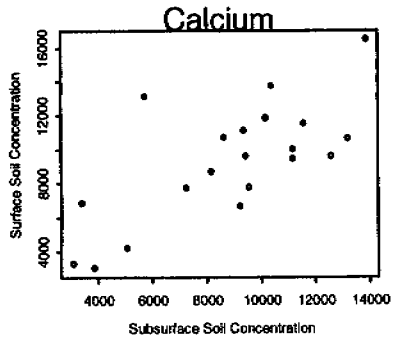


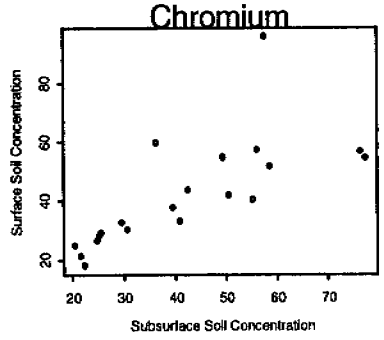


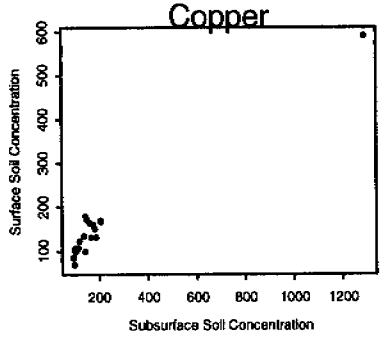


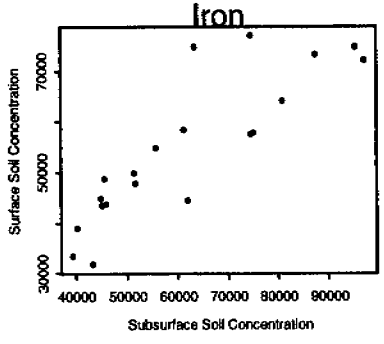


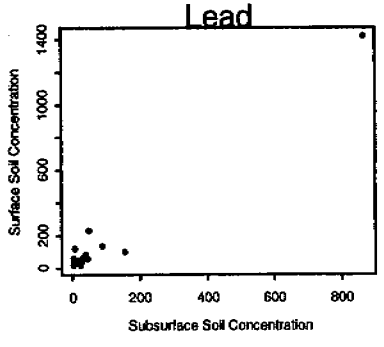


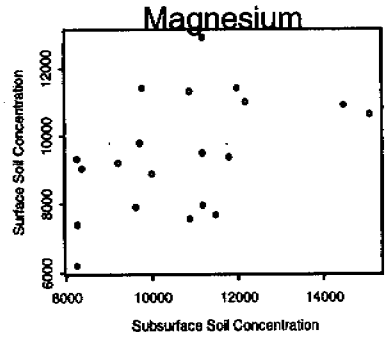


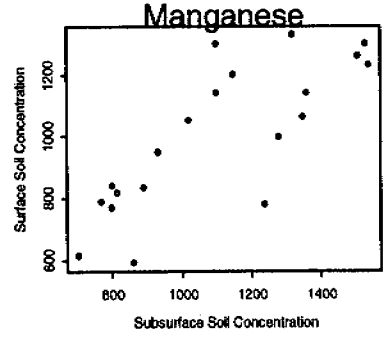


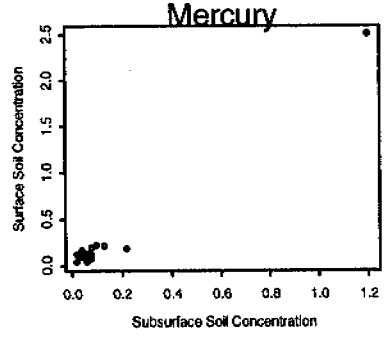


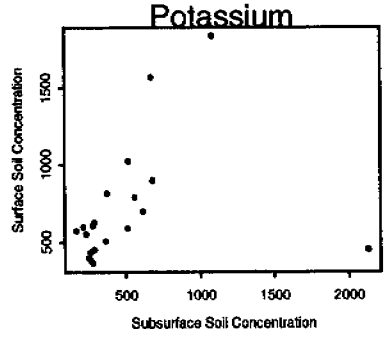


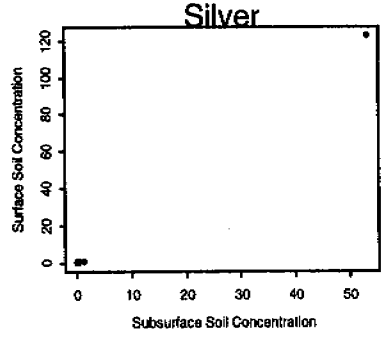


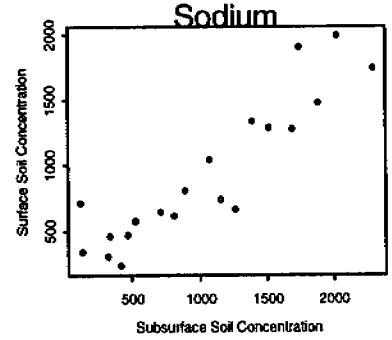


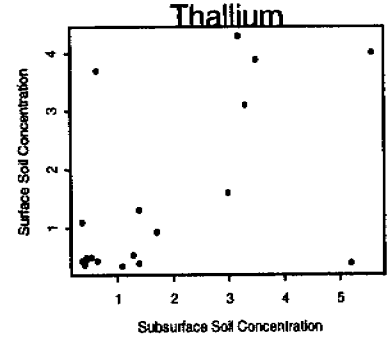


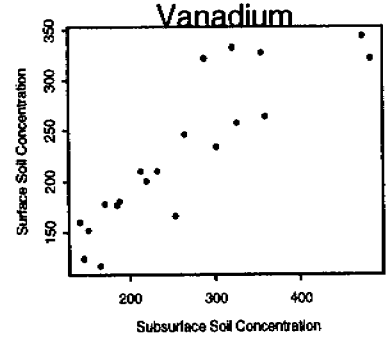


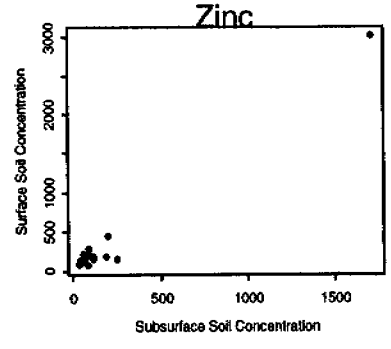




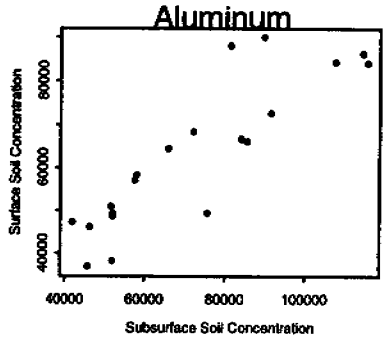


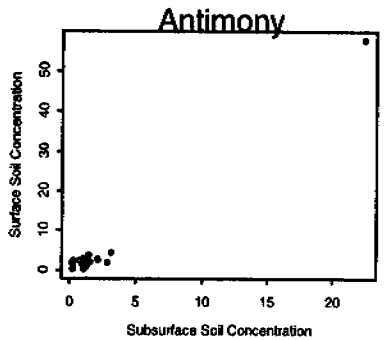


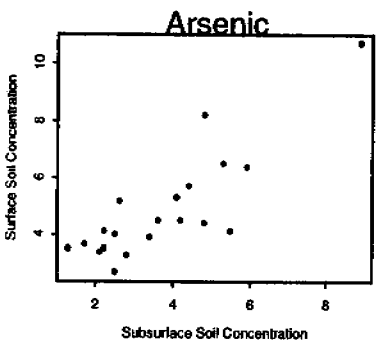


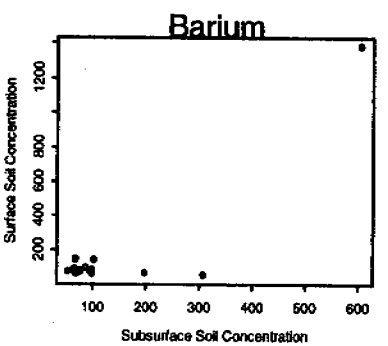


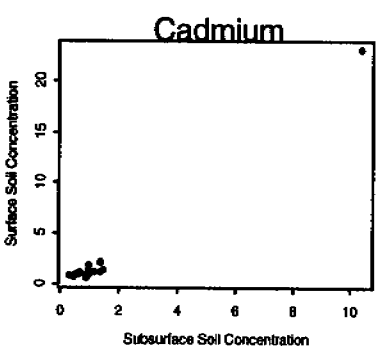
Inorganic Surface vs Subsurface Concentrations

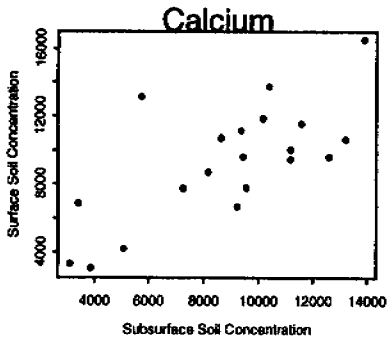


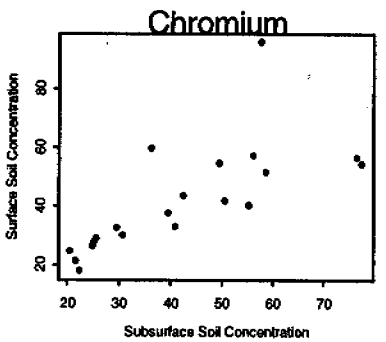


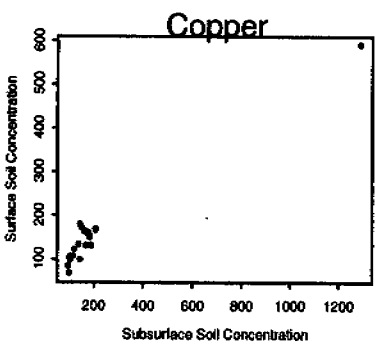


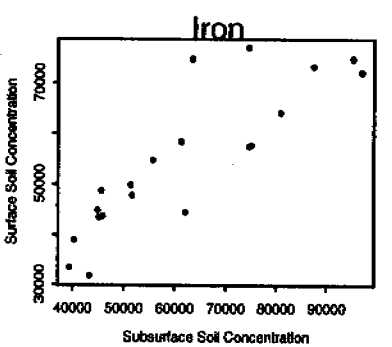


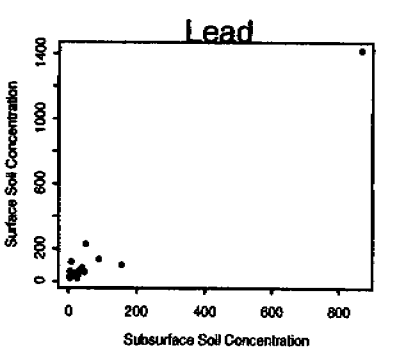


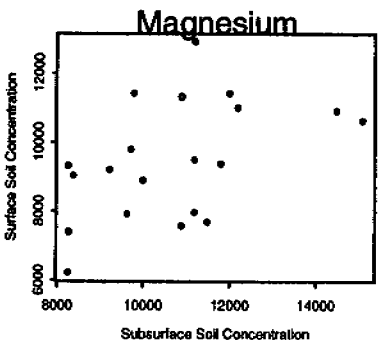


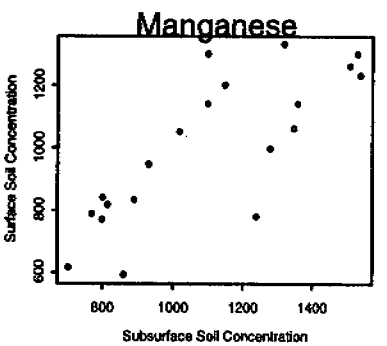


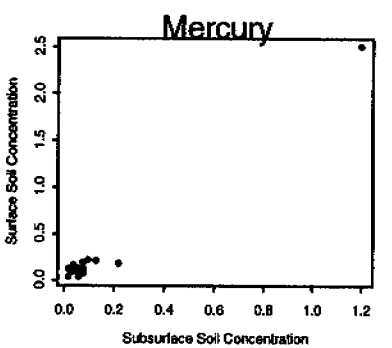


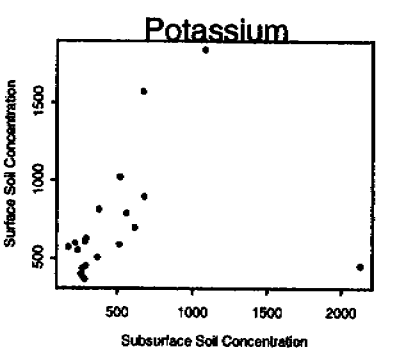


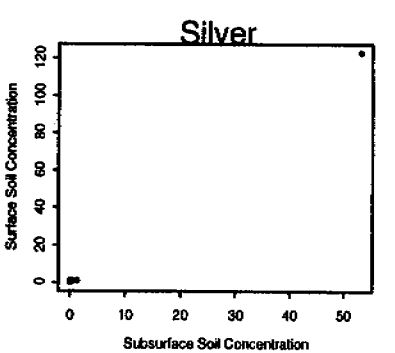


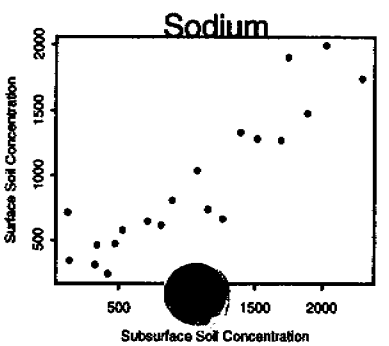


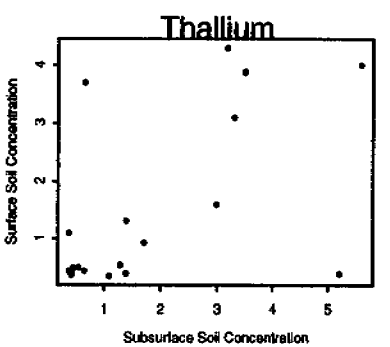


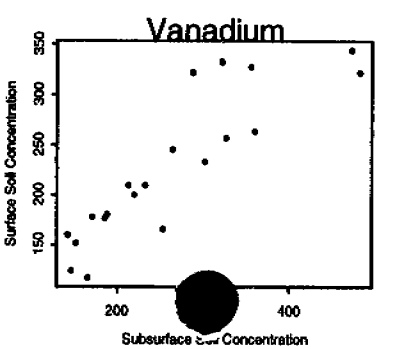


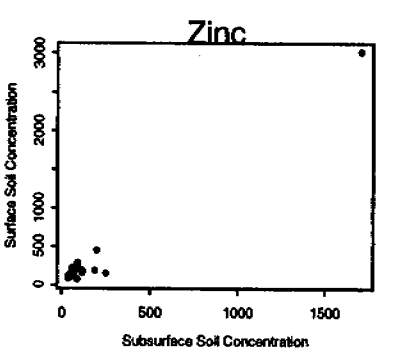












APPENDIX F

Soil Results vs. RBCs

Appendix F-1
Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	4,4'-DDD	NA-DVCT-SO01-31	ug/kg	0.21	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO02-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO03-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO04-01	ug/kg	0.19	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO05-01	ug/kg	0.21	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO06-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO07-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO08-01	ug/kg	0.22	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-DVCT-SO01-31	ug/kg	0.21	2	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO02-01	ug/kg	0.18	34	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO03-01	ug/kg	0.18	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO04-01	ug/kg	0.19	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO05-01	ug/kg	0.21	32	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO06-01	ug/kg	0.28	14	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO07-01	ug/kg	0.18	0.63	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO08-01	ug/kg	0.22	12	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO01-31	ug/kg	0.21	2.2	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO02-01	ug/kg	0.18	51	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO03-01	ug/kg	0.18	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO04-01	ug/kg	0.19	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO05-01	ug/kg	0.21	18	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO06-01	ug/kg	0.28	8.1 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO07-01	ug/kg	0.18	1.7	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO08-01	ug/kg	0.22	17	17000	17000	1900	1900	200	NS
OLM03.2	Aldrin	NA-DVCT-SO01-31	ug/kg	0.21	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO02-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO03-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO04-01	ug/kg	0.19	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO05-01	ug/kg	0.21	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO06-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO07-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO08-01	ug/kg	0.22	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1232	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO01-31	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO02-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO03-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO04-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO05-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO06-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO08-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO01-31	ug/kg	0.21	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO02-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO03-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO04-01	ug/kg	0.19	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO05-01	ug/kg	0.21	2.3	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO06-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO07-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO08-01	ug/kg	0.22	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO01-31	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO02-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO03-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO04-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO05-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO06-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO08-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO01-31	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO02-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan II	NA-DVCT-SO03-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO04-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO05-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO06-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO08-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO01-31	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO02-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO03-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO04-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO05-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO06-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO08-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-DVCT-SO01-31	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO02-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO03-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO04-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO05-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO06-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO08-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO01-31	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO02-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO03-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO04-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO05-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO06-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO08-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO01-31	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO02-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO03-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO04-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO05-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO06-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO08-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO01-31	ug/kg	0.21	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO02-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO03-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO04-01	ug/kg	0.19	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO05-01	ug/kg	0.21	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO06-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO07-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO08-01	ug/kg	0.22	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO01-31	ug/kg	0.21	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO02-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO03-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO04-01	ug/kg	0.19	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO05-01	ug/kg	0.21	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO06-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO07-01	ug/kg	0.18	ND	630	630	70	70	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Heptachlor epoxide	NA-DVCT-SO08-01	ug/kg	0.22	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO01-31	ug/kg	0.21	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO02-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO03-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO04-01	ug/kg	0.19	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO05-01	ug/kg	0.21	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO06-01	ug/kg	0.28	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO08-01	ug/kg	0.22	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO01-31	ug/kg	0.21	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO02-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO03-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO04-01	ug/kg	0.19	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO05-01	ug/kg	0.21	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO06-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO07-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO08-01	ug/kg	0.22	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO01-31	ug/kg	0.21	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO02-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO03-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO04-01	ug/kg	0.19	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO05-01	ug/kg	0.21	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO06-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO07-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO08-01	ug/kg	0.22	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-DVCT-SO01-31	ug/kg	0.21	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO02-01	ug/kg	0.18	0.97	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO03-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO04-01	ug/kg	0.19	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO05-01	ug/kg	0.21	0.81	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO06-01	ug/kg	0.28	0.9	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO07-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-DVCT-SO08-01	ug/kg	0.22	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	beta-BHC	NA-DVCT-SO01-31	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO02-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO03-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO04-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO05-01	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO06-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO07-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO08-01	ug/kg	0.22	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO01-31	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO02-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO03-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO04-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO05-01	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO06-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO07-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO08-01	ug/kg	0.22	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO01-31	ug/kg	0.21	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO02-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO03-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO04-01	ug/kg	0.19	ND	4400	4400	490	490	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO05-01	ug/kg	0.21	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO06-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO07-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO08-01	ug/kg	0.22	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO01-31	ug/kg	0.21	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO02-01	ug/kg	0.18	1.1	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO03-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO04-01	ug/kg	0.19	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO05-01	ug/kg	0.21	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO06-01	ug/kg	0.28	0.85	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO07-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO08-01	ug/kg	0.22	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO01-31	ug/kg	41	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO02-01	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO03-01	ug/kg	35	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO04-01	ug/kg	38	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO05-01	ug/kg	42	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO06-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO07-01	ug/kg	36	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO08-01	ug/kg	44	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO01-31	ug/kg	41	ND	2E+08	2E+07	8E+06	780000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO02-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO03-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO04-01	ug/kg	38	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO05-01	ug/kg	42	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO06-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO07-01	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO08-01	ug/kg	44	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO01-31	ug/kg	41	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO02-01	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO03-01	ug/kg	35	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO04-01	ug/kg	38	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO05-01	ug/kg	42	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO06-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO07-01	ug/kg	36	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO08-01	ug/kg	44	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO01-31	ug/kg	41	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO02-01	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO03-01	ug/kg	35	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO04-01	ug/kg	38	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO05-01	ug/kg	42	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO06-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO07-01	ug/kg	36	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO08-01	ug/kg	44	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO01-31	ug/kg	41	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO03-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO04-01	ug/kg	38	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO05-01	ug/kg	42	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO06-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO08-01	ug/kg	44	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO01-31	ug/kg	41	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO02-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO03-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO04-01	ug/kg	38	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO05-01	ug/kg	42	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO06-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO07-01	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO08-01	ug/kg	44	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO01-31	ug/kg	41	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO02-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO03-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO04-01	ug/kg	38	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO05-01	ug/kg	42	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO06-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO07-01	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO08-01	ug/kg	44	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO01-31	ug/kg	41	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO02-01	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO03-01	ug/kg	35	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO04-01	ug/kg	38	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO05-01	ug/kg	42	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO06-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC

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Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO07-01	ug/kg	36	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO08-01	ug/kg	44	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO01-31	ug/kg	41	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO02-01	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO03-01	ug/kg	35	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO04-01	ug/kg	38	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO05-01	ug/kg	42	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO06-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO07-01	ug/kg	36	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO08-01	ug/kg	44	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO01-31	ug/kg	41	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO02-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO03-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO04-01	ug/kg	38	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO05-01	ug/kg	42	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO06-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO07-01	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO08-01	ug/kg	44	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO01-31	ug/kg	41	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO03-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO04-01	ug/kg	38	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO05-01	ug/kg	42	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO06-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO08-01	ug/kg	44	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO01-31	ug/kg	41	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO03-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO04-01	ug/kg	38	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO05-01	ug/kg	42	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO06-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO08-01	ug/kg	44	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO01-31	ug/kg	41	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO02-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO03-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO04-01	ug/kg	38	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO05-01	ug/kg	42	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO06-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO07-01	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO08-01	ug/kg	44	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO01-31	ug/kg	41	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO02-01	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO03-01	ug/kg	35	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO04-01	ug/kg	38	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO05-01	ug/kg	42	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO06-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO07-01	ug/kg	36	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO08-01	ug/kg	44	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO01-31	ug/kg	41	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO03-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC

Appendix F-1
Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	3-Nitroaniline	NA-DVCT-SO04-01	ug/kg	38	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO05-01	ug/kg	42	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO06-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO08-01	ug/kg	44	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO01-31	ug/kg	41	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO02-01	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO03-01	ug/kg	35	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO04-01	ug/kg	38	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO05-01	ug/kg	42	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO06-01	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO07-01	ug/kg	36	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO08-01	ug/kg	44	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO01-31	ug/kg	41	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO03-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO04-01	ug/kg	38	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO05-01	ug/kg	42	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO06-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO08-01	ug/kg	44	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO01-31	ug/kg	41	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO03-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO04-01	ug/kg	38	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO05-01	ug/kg	42	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO06-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO08-01	ug/kg	44	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO01-31	ug/kg	41	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO02-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO03-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO04-01	ug/kg	38	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO05-01	ug/kg	42	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO06-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO07-01	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO08-01	ug/kg	44	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO01-31	ug/kg	41	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO03-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO04-01	ug/kg	38	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO05-01	ug/kg	42	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO06-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO08-01	ug/kg	44	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO01-31	ug/kg	41	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO03-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO04-01	ug/kg	38	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO05-01	ug/kg	42	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO06-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO08-01	ug/kg	44	ND	120000	12000	4700	470	NC	NC

Appendix F-1
Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Nitrophenol	NA-DVCT-SO01-31	ug/kg	41	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO02-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO03-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO04-01	ug/kg	38	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO05-01	ug/kg	42	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO06-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO07-01	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO08-01	ug/kg	44	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO01-31	ug/kg	41	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO03-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO04-01	ug/kg	38	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO05-01	ug/kg	42	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO06-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO08-01	ug/kg	44	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO01-31	ug/kg	41	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO03-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO04-01	ug/kg	38	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO05-01	ug/kg	42	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO06-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO08-01	ug/kg	44	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO01-31	ug/kg	41	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO02-01	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO03-01	ug/kg	35	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO04-01	ug/kg	38	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO05-01	ug/kg	42	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO06-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO07-01	ug/kg	36	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO08-01	ug/kg	44	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO01-31	ug/kg	41	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO03-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO04-01	ug/kg	38	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO05-01	ug/kg	42	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO06-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO08-01	ug/kg	44	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO01-31	ug/kg	41	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO02-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO03-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO04-01	ug/kg	38	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO05-01	ug/kg	42	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO06-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO07-01	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO08-01	ug/kg	44	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO01-31	ug/kg	41	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO03-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO04-01	ug/kg	38	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO05-01	ug/kg	42	ND	7800	7800	870	870	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO06-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO08-01	ug/kg	44	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO01-31	ug/kg	41	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO03-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO04-01	ug/kg	38	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO05-01	ug/kg	42	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO06-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO08-01	ug/kg	44	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO01-31	ug/kg	41	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO02-01	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO03-01	ug/kg	35	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO04-01	ug/kg	38	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO05-01	ug/kg	42	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO06-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO07-01	ug/kg	36	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO08-01	ug/kg	44	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO01-31	ug/kg	41	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO02-01	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO03-01	ug/kg	35	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO04-01	ug/kg	38	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO05-01	ug/kg	42	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO06-01	ug/kg	56	130	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO07-01	ug/kg	36	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO08-01	ug/kg	44	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Carbazole	NA-DVCT-SO01-31	ug/kg	41	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO02-01	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO03-01	ug/kg	35	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO04-01	ug/kg	38	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO05-01	ug/kg	42	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO06-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO07-01	ug/kg	36	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO08-01	ug/kg	44	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO01-31	ug/kg	41	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO02-01	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO03-01	ug/kg	35	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO04-01	ug/kg	38	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO05-01	ug/kg	42	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO06-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO07-01	ug/kg	36	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO08-01	ug/kg	44	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO01-31	ug/kg	41	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO02-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO03-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO04-01	ug/kg	38	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO05-01	ug/kg	42	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO06-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO07-01	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO08-01	ug/kg	44	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO01-31	ug/kg	41	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO02-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLMO3.2	Dibenzofuran	NA-DVCT-SO03-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO04-01	ug/kg	38	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO05-01	ug/kg	42	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO06-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO07-01	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO08-01	ug/kg	44	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO01-31	ug/kg	41	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO02-01	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO03-01	ug/kg	35	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO04-01	ug/kg	38	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO05-01	ug/kg	42	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO06-01	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO07-01	ug/kg	36	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO08-01	ug/kg	44	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO01-31	ug/kg	41	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO02-01	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO03-01	ug/kg	35	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO04-01	ug/kg	38	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO05-01	ug/kg	42	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO06-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO07-01	ug/kg	36	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO08-01	ug/kg	44	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO01-31	ug/kg	41	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO03-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO04-01	ug/kg	38	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO05-01	ug/kg	42	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO06-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO08-01	ug/kg	44	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluorene	NA-DVCT-SO01-31	ug/kg	41	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO03-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO04-01	ug/kg	38	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO05-01	ug/kg	42	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO06-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO08-01	ug/kg	44	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO01-31	ug/kg	41	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO02-01	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO03-01	ug/kg	35	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO04-01	ug/kg	38	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO05-01	ug/kg	42	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO06-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO07-01	ug/kg	36	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO08-01	ug/kg	44	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	3600	3600	400	400	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO01-31	ug/kg	41	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO02-01	ug/kg	37	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO03-01	ug/kg	35	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO04-01	ug/kg	38	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO05-01	ug/kg	42	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO06-01	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO07-01	ug/kg	36	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO08-01	ug/kg	44	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO01-31	ug/kg	41	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO02-01	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO03-01	ug/kg	35	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO04-01	ug/kg	38	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO05-01	ug/kg	42	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO06-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO07-01	ug/kg	36	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO08-01	ug/kg	44	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO01-31	ug/kg	41	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO03-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO04-01	ug/kg	38	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO05-01	ug/kg	42	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO06-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO08-01	ug/kg	44	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO01-31	ug/kg	41	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO02-01	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO03-01	ug/kg	35	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO04-01	ug/kg	38	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO05-01	ug/kg	42	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO06-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO07-01	ug/kg	36	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO08-01	ug/kg	44	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO01-31	ug/kg	41	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO02-01	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO03-01	ug/kg	35	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO04-01	ug/kg	38	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO05-01	ug/kg	42	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO06-01	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO07-01	ug/kg	36	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO08-01	ug/kg	44	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodi-phenylamine	NA-DVCT-SO01-31	ug/kg	41	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO02-01	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO03-01	ug/kg	35	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO04-01	ug/kg	38	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO05-01	ug/kg	42	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO06-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO07-01	ug/kg	36	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO08-01	ug/kg	44	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO01-31	ug/kg	41	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO03-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO04-01	ug/kg	38	ND	8E+07	8E+06	3E+06	310000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Naphthalene	NA-DVCT-SO05-01	ug/kg	42	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO06-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO08-01	ug/kg	44	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO01-31	ug/kg	41	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO02-01	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO03-01	ug/kg	35	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO04-01	ug/kg	38	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO05-01	ug/kg	42	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO06-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO07-01	ug/kg	36	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO08-01	ug/kg	44	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO01-31	ug/kg	41	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO02-01	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO03-01	ug/kg	35	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO04-01	ug/kg	38	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO05-01	ug/kg	42	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO06-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO07-01	ug/kg	36	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO08-01	ug/kg	44	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO01-31	ug/kg	41	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO03-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO04-01	ug/kg	38	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO05-01	ug/kg	42	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO06-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO08-01	ug/kg	44	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO01-31	ug/kg	41	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO02-01	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO03-01	ug/kg	35	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO04-01	ug/kg	38	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO05-01	ug/kg	42	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO06-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO07-01	ug/kg	36	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO08-01	ug/kg	44	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-DVCT-SO01-31	ug/kg	41	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO03-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO04-01	ug/kg	38	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO05-01	ug/kg	42	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO06-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-DVCT-SO08-01	ug/kg	44	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO01-31	ug/kg	41	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO02-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO03-01	ug/kg	35	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO04-01	ug/kg	38	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO05-01	ug/kg	42	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO06-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO07-01	ug/kg	36	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO08-01	ug/kg	44	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO01-31	ug/kg	41	ND	5200	5200	580	580	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO02-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO03-01	ug/kg	35	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO04-01	ug/kg	38	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO05-01	ug/kg	42	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO06-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO07-01	ug/kg	36	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO08-01	ug/kg	44	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO01-31	ug/kg	41	160	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO02-01	ug/kg	37	340	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO03-01	ug/kg	35	89	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO04-01	ug/kg	38	ND	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO05-01	ug/kg	42	220	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO06-01	ug/kg	56	300	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO07-01	ug/kg	36	170	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO08-01	ug/kg	44	460	410000	410000	46000	46000	785	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO01-31	ug/kg	41	47	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO02-01	ug/kg	37	93	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO03-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO04-01	ug/kg	38	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO05-01	ug/kg	42	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO06-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO07-01	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO08-01	ug/kg	44	200	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO01-31	ug/kg	41	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO03-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO04-01	ug/kg	38	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO05-01	ug/kg	42	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO06-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO08-01	ug/kg	44	54	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO01-31	ug/kg	41	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO02-01	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO03-01	ug/kg	35	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO04-01	ug/kg	38	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO05-01	ug/kg	42	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO06-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO07-01	ug/kg	36	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO08-01	ug/kg	44	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO01-31	ug/kg	41	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO02-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO03-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO04-01	ug/kg	38	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO05-01	ug/kg	42	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO06-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO07-01	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO08-01	ug/kg	44	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO01-31	ng/kg	0.9	295	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO02-01	ng/kg	0.4	326	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO03-01	ng/kg	0.9	75.2	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO04-01	ng/kg	1.1	10.5	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO05-01	ng/kg	1.1	972	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO06-01	ng/kg	0.7	346	38000	38000	4300	4300	1180	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO07-01	ng/kg	1.3	22.7	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO08-01	ng/kg	2.3	713	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO01-31	ng/kg	0.7	33.8	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO02-01	ng/kg	0.3	75.1	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO03-01	ng/kg	0.7	103	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO04-01	ng/kg	1	ND	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO05-01	ng/kg	1	50.8	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO06-01	ng/kg	0.6	21.7	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO07-01	ng/kg	1.1	1.8 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO08-01	ng/kg	2	81.7	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO01-31	ng/kg	0.8	42.6	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO02-01	ng/kg	0.4	80.7	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO03-01	ng/kg	0.8	27.4	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO04-01	ng/kg	0.8	1.3 J	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO05-01	ng/kg	0.8	89	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO06-01	ng/kg	0.5	35.7	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO07-01	ng/kg	0.9	2.7 J	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO08-01	ng/kg	1.4	117	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO01-31	ng/kg	0.6	30.2	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO02-01	ng/kg	0.3	86.7	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO03-01	ng/kg	0.6	59.2	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO04-01	ng/kg	0.5	1.3 J	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO05-01	ng/kg	0.5	34.5	3800	3800	430	430	258	NS
[illegible]8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO06-01	ng/kg	0.3	21.9	3800	3800	430	430	258	NS
[illegible]8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO07-01	ng/kg	0.6	2.2 J	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO08-01	ng/kg	0.8	86.4	3800	3800	430	430	258	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO01-31	ng/kg	0.7	2.5 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO02-01	ng/kg	0.3	16.1	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO03-01	ng/kg	0.8	19.2	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO04-01	ng/kg	0.7	ND	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO05-01	ng/kg	0.7	6.1 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO06-01	ng/kg	0.5	3.7 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO07-01	ng/kg	0.8	ND	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO08-01	ng/kg	1.2	12.8	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO01-31	ng/kg	0.7	1.9 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO02-01	ng/kg	0.4	4.7 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO03-01	ng/kg	1	1.8 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO04-01	ng/kg	0.6	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO05-01	ng/kg	0.6	2.8 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO06-01	ng/kg	0.4	1.1 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO07-01	ng/kg	0.6	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO08-01	ng/kg	1	4.5 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO01-31	ng/kg	0.6	11.8	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO02-01	ng/kg	0.3	44.3	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO03-01	ng/kg	0.6	33.3	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO04-01	ng/kg	0.4	0.77 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO05-01	ng/kg	0.4	16.6	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO06-01	ng/kg	0.3	8.9	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO07-01	ng/kg	0.5	0.97 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO08-01	ng/kg	0.6	35.8	380	380	43	43	97.8	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO01-31	ng/kg	0.6	2.8 J	380	380	43	43	29.1	NS
[illegible]8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO02-01	ng/kg	0.3	7.8	380	380	43	43	29.1	NS
[illegible]8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO03-01	ng/kg	0.8	3 J	380	380	43	43	29.1	NS

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Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO04-01	ng/kg	0.6	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO05-01	ng/kg	0.6	6.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO06-01	ng/kg	0.4	3.1 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO07-01	ng/kg	0.6	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO08-01	ng/kg	1	12.9	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO01-31	ng/kg	0.5	5.4	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO02-01	ng/kg	0.3	17.6	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO03-01	ng/kg	0.5	10.8	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO04-01	ng/kg	0.4	ND	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO05-01	ng/kg	0.4	8.1	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO06-01	ng/kg	0.3	4.1 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO07-01	ng/kg	0.4	ND	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO08-01	ng/kg	0.6	16.2	380	380	43	43	41.2	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO01-31	ng/kg	0.6	5	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO02-01	ng/kg	0.4	11.5	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO03-01	ng/kg	0.8	4.8 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO04-01	ng/kg	0.6	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO05-01	ng/kg	0.6	8.6	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO06-01	ng/kg	0.4	4.2 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO07-01	ng/kg	0.6	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO08-01	ng/kg	1	14.9	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO01-31	ng/kg	0.7	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO02-01	ng/kg	0.4	1.8 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO03-01	ng/kg	0.7	3.6 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO04-01	ng/kg	0.5	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO05-01	ng/kg	0.5	1.4 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO06-01	ng/kg	0.4	0.76 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO07-01	ng/kg	0.6	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO08-01	ng/kg	0.9	2.2 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO01-31	ng/kg	0.6	1.8 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO02-01	ng/kg	0.3	3.6 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO03-01	ng/kg	0.7	1.7 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO04-01	ng/kg	0.5	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO05-01	ng/kg	0.4	2 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO06-01	ng/kg	0.3	1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO07-01	ng/kg	0.4	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO08-01	ng/kg	0.7	5.5	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO01-31	ng/kg	0.4	3 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO02-01	ng/kg	0.2	6.5	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO03-01	ng/kg	0.4	15.9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO04-01	ng/kg	0.4	ND	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO05-01	ng/kg	0.4	3.9 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO06-01	ng/kg	0.3	1.9 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO07-01	ng/kg	0.4	ND	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO08-01	ng/kg	0.5	6.3	760	760	86	86	30.6	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO01-31	ng/kg	0.6	12.8	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO02-01	ng/kg	0.3	39.7	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO03-01	ng/kg	0.6	10.6	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO04-01	ng/kg	0.5	ND	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO05-01	ng/kg	0.5	17	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO06-01	ng/kg	0.4	9.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO07-01	ng/kg	0.5	0.88 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO08-01	ng/kg	0.8	36.1	380	380	43	43	101	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO01-31	ng/kg	0.4	5	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO02-01	ng/kg	0.2	15.4	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO03-01	ng/kg	0.5	8.2	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO04-01	ng/kg	0.4	ND	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO05-01	ng/kg	0.4	6.1	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO06-01	ng/kg	0.3	3.1 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO07-01	ng/kg	0.4	ND	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO08-01	ng/kg	0.5	13.3	76	76	8.6	8.6	37.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO01-31	ng/kg	0.3	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO02-01	ng/kg	0.2	0.55 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO03-01	ng/kg	0.3	0.55 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO04-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO05-01	ng/kg	0.3	0.42 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO06-01	ng/kg	0.3	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO07-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-DVCT-SO08-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO01-31	ng/kg	0.3	3.3	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO02-01	ng/kg	1	4.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO03-01	ng/kg	0.5	10.3	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO04-01	ng/kg	0.3	0.8 J	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO05-01	ng/kg	0.7	2.6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO06-01	ng/kg	0.7	1.8	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-DVCT-SO07-01	ng/kg	0.3	0.69 J	380	380	43	43	32.8	NS
[redacted]8290	2,3,7,8-TCDF	NA-DVCT-SO08-01	ng/kg	0.6	4.2	380	380	43	43	32.8	NS
[redacted]8290	Total HpCDD	NA-DVCT-SO01-31	ng/kg	0.8	78.9	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO02-01	ng/kg	0.4	157	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO03-01	ng/kg	0.8	48.6	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO04-01	ng/kg	0.8	3	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO05-01	ng/kg	0.8	182	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO06-01	ng/kg	0.5	72.6	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO07-01	ng/kg	0.9	6.1	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-DVCT-SO08-01	ng/kg	1.4	229	.	.	.	.	488	NS
SW8290	Total HpCDF	NA-DVCT-SO01-31	ng/kg	0.6	56.8	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO02-01	ng/kg	0.3	176	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO03-01	ng/kg	0.7	115	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO04-01	ng/kg	0.6	1.3	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO05-01	ng/kg	0.5	78.1	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO06-01	ng/kg	0.4	45.9	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO07-01	ng/kg	0.7	2.2	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-DVCT-SO08-01	ng/kg	1	166	.	.	.	.	487	NS
SW8290	Total HxCDD	NA-DVCT-SO01-31	ng/kg	0.6	38.8	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO02-01	ng/kg	0.4	112	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO03-01	ng/kg	0.9	62.2	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO04-01	ng/kg	0.6	ND	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO05-01	ng/kg	0.6	71.8	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO06-01	ng/kg	0.4	34.4	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO07-01	ng/kg	0.6	2	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-DVCT-SO08-01	ng/kg	1	161	.	.	.	.	362	NS
SW8290	Total HxCDF	NA-DVCT-SO01-31	ng/kg	0.6	66.2	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-DVCT-SO02-01	ng/kg	0.3	211	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-DVCT-SO03-01	ng/kg	0.6	103	.	.	.	.	535	NS
[redacted]8290	Total HxCDF	NA-DVCT-SO04-01	ng/kg	0.4	1.7	.	.	.	.	535	NS
[redacted]8290	Total HxCDF	NA-DVCT-SO05-01	ng/kg	0.4	104	.	.	.	.	535	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total HxCDF	NA-DVCT-SO06-01	ng/kg	0.3	56.1	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-DVCT-SO07-01	ng/kg	0.5	3.4	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-DVCT-SO08-01	ng/kg	0.7	215	.	.	.	.	535	NS
SW8290	Total PeCDD	NA-DVCT-SO01-31	ng/kg	0.6	19.4	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO02-01	ng/kg	0.3	73.4	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO03-01	ng/kg	0.7	45	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO04-01	ng/kg	0.5	0.78	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO05-01	ng/kg	0.4	20.6	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO06-01	ng/kg	0.3	11.8	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO07-01	ng/kg	0.4	0.83	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-DVCT-SO08-01	ng/kg	0.7	633	.	.	.	.	205	NS
SW8290	Total PeCDF	NA-DVCT-SO01-31	ng/kg	0.4	64.8	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO02-01	ng/kg	0.2	194	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO03-01	ng/kg	0.5	86.3	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO04-01	ng/kg	0.4	0.9	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO05-01	ng/kg	0.4	88.9	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO06-01	ng/kg	0.3	44.1	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO07-01	ng/kg	0.4	0.85	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-DVCT-SO08-01	ng/kg	0.5	216	.	.	.	.	608	NS
SW8290	Total TCDD	NA-DVCT-SO01-31	ng/kg	0.3	13.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO02-01	ng/kg	0.2	33.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO03-01	ng/kg	0.3	24.3	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO04-01	ng/kg	0.4	ND	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO05-01	ng/kg	0.3	22.3	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO06-01	ng/kg	0.3	16.1	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO07-01	ng/kg	0.4	0.81	.	.	.	.	152	NS
SW8290	Total TCDD	NA-DVCT-SO08-01	ng/kg	0.4	3330 J	.	.	.	.	152	NS
SW8290	Total TCDF	NA-DVCT-SO01-31	ng/kg	0.3	58.5	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO02-01	ng/kg	0.1	104	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO03-01	ng/kg	0.3	49.6	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO04-01	ng/kg	0.3	0.8	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO05-01	ng/kg	0.3	79.2	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO06-01	ng/kg	0.2	41.3	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO07-01	ng/kg	0.3	0.69	.	.	.	.	522	NS
SW8290	Total TCDF	NA-DVCT-SO08-01	ng/kg	0.3	284	.	.	.	.	522	NS
ILM04.0	Cyanide	NA-DVCT-SO01-31	mg/kg	0.19	0.79	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO02-01	mg/kg	0.23	0.56	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO03-01	mg/kg	0.16	0.43	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO04-01	mg/kg	0.22	0.54	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO05-01	mg/kg	0.26	0.7	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO06-01	mg/kg	0.34	0.97	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO07-01	mg/kg	0.25	0.44	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-DVCT-SO08-01	mg/kg	0.31	0.69	41000	4100	1600	160	1.08	S
ILMO4.0	Aluminum	NA-DVCT-SO01-31	mg/kg	2	29800	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO02-01	mg/kg	1.8	7240	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO03-01	mg/kg	1.7	16200	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO04-01	mg/kg	1.8	15600	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO05-01	mg/kg	2	35300	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO06-01	mg/kg	2.6	28700	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO07-01	mg/kg	1.7	9490	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-DVCT-SO08-01	mg/kg	2.1	44000	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Antimony	NA-DVCT-SO01-31	mg/kg	0.49	0.8 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO02-01	mg/kg	0.44	ND UL	820	82	31	3.1	2.4	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Antimony	NA-DVCT-SO03-01	mg/kg	0.42	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO04-01	mg/kg	0.45	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO05-01	mg/kg	0.49	0.63 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO06-01	mg/kg	0.66	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO07-01	mg/kg	0.43	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-DVCT-SO08-01	mg/kg	0.52	1.8 J	820	82	31	3.1	2.4	NS
ILMO4.0	Arsenic	NA-DVCT-SO01-31	mg/kg	0.66	3.3	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO02-01	mg/kg	0.59	1.1	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO03-01	mg/kg	0.55	3.3	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO04-01	mg/kg	0.61	3.6	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO05-01	mg/kg	0.66	2.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO06-01	mg/kg	0.88	3.3	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO07-01	mg/kg	0.57	2.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-DVCT-SO08-01	mg/kg	0.69	3.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Barium	NA-DVCT-SO01-31	mg/kg	0.16	42 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO02-01	mg/kg	0.15	13.7 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO03-01	mg/kg	0.14	17.6 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO04-01	mg/kg	0.15	14.8 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO05-01	mg/kg	0.16	48.7 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO06-01	mg/kg	0.22	51.1 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO07-01	mg/kg	0.14	14.6	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-DVCT-SO08-01	mg/kg	0.17	79.6 K	140000	14000	5500	550	130	NS
ILMO4.0	Beryllium	NA-DVCT-SO01-31	mg/kg	0.16	ND	4100	410	160	16	0.25	NS
[illegible]MO4.0	Beryllium	NA-DVCT-SO02-01	mg/kg	0.15	ND	4100	410	160	16	0.25	NS
[illegible]MO4.0	Beryllium	NA-DVCT-SO03-01	mg/kg	0.14	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-DVCT-SO04-01	mg/kg	0.15	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-DVCT-SO05-01	mg/kg	0.16	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-DVCT-SO06-01	mg/kg	0.22	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-DVCT-SO07-01	mg/kg	0.14	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-DVCT-SO08-01	mg/kg	0.17	0.21	4100	410	160	16	0.25	NS
ILMO4.0	Cadmium	NA-DVCT-SO01-31	mg/kg	0.16	0.87 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO02-01	mg/kg	0.15	0.27 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO03-01	mg/kg	0.14	0.43 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO04-01	mg/kg	0.15	0.37 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO05-01	mg/kg	0.16	1.1 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO06-01	mg/kg	0.22	0.87 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO07-01	mg/kg	0.14	ND	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-DVCT-SO08-01	mg/kg	0.17	0.72 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Calcium	NA-DVCT-SO01-31	mg/kg	4.3	11200	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO02-01	mg/kg	3.8	4520	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO03-01	mg/kg	3.6	10800	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO04-01	mg/kg	3.9	12200	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO05-01	mg/kg	4.3	7780	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO06-01	mg/kg	5.7	7900	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO07-01	mg/kg	3.7	7420	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-DVCT-SO08-01	mg/kg	4.5	11600	.	.	.	.	15400	NS
ILMO4.0	Chromium	NA-DVCT-SO01-31	mg/kg	0.16	16.1	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-DVCT-SO02-01	mg/kg	0.15	5	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-DVCT-SO03-01	mg/kg	0.14	7.8	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-DVCT-SO04-01	mg/kg	0.15	6.4	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-DVCT-SO05-01	mg/kg	0.16	18.3	10000	1000	390	39	39.9	NS
[illegible]MO4.0	Chromium	NA-DVCT-SO06-01	mg/kg	0.22	17.7	10000	1000	390	39	39.9	NS
[illegible]O4.0	Chromium	NA-DVCT-SO07-01	mg/kg	0.14	5.8	10000	1000	390	39	39.9	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Chromium	NA-DVCT-SO08-01	mg/kg	0.17	26.1	10000	1000	390	39	39.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO01-31	mg/kg	0.16	10.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO02-01	mg/kg	0.15	2.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO03-01	mg/kg	0.14	4.5	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO04-01	mg/kg	0.15	4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO05-01	mg/kg	0.16	13.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO06-01	mg/kg	0.22	11.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO07-01	mg/kg	0.14	3.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-DVCT-SO08-01	mg/kg	0.17	17.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Copper	NA-DVCT-SO01-31	mg/kg	0.16	50.9	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO02-01	mg/kg	0.15	11.9	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO03-01	mg/kg	0.14	14.2	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO04-01	mg/kg	0.15	8.2	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO05-01	mg/kg	0.16	67.3	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO06-01	mg/kg	0.22	55	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO07-01	mg/kg	0.14	9.2	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-DVCT-SO08-01	mg/kg	0.17	92	82000	8200	3100	310	134	NS
ILMO4.0	Iron	NA-DVCT-SO01-31	mg/kg	2.3	25700	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO02-01	mg/kg	2.1	6130	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO03-01	mg/kg	1.9	14400	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO04-01	mg/kg	2.1	14500	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO05-01	mg/kg	2.3	30100	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO06-01	mg/kg	3.1	26400	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO07-01	mg/kg	2	10700	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-DVCT-SO08-01	mg/kg	2.4	38700	610000	61000	23000	2300	60600	NS
ILMO4.0	Lead	NA-DVCT-SO01-31	mg/kg	0.33	23.8	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO02-01	mg/kg	0.29	17.4	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO03-01	mg/kg	0.28	3.8	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO04-01	mg/kg	0.3	3.1	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO05-01	mg/kg	0.33	14.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO06-01	mg/kg	0.44	13.6	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO07-01	mg/kg	0.29	3.3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-DVCT-SO08-01	mg/kg	0.35	21.4	400	400	400	400	95.5	NS
ILMO4.0	Magnesium	NA-DVCT-SO01-31	mg/kg	1.5	5360	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO02-01	mg/kg	1.3	1420	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO03-01	mg/kg	1.2	2800	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO04-01	mg/kg	1.4	3050	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO05-01	mg/kg	1.5	6110	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO06-01	mg/kg	2	6020	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO07-01	mg/kg	1.3	2400	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-DVCT-SO08-01	mg/kg	1.6	7400	.	.	.	.	12400	NS
ILMO4.0	Manganese	NA-DVCT-SO01-31	mg/kg	0.16	452	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO02-01	mg/kg	0.15	89.2	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO03-01	mg/kg	0.14	203	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO04-01	mg/kg	0.15	167	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO05-01	mg/kg	0.16	557	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO06-01	mg/kg	0.22	470	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO07-01	mg/kg	0.14	153	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-DVCT-SO08-01	mg/kg	0.17	767	41000	4100	1600	160	1050	NS
ILMO4.0	Mercury	NA-DVCT-SO01-31	mg/kg	0.02	0.15	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO02-01	mg/kg	0.02	0.03	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO03-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO04-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Mercury	NA-DVCT-SO05-01	mg/kg	0.02	0.03	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO06-01	mg/kg	0.03	0.05	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO07-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-DVCT-SO08-01	mg/kg	0.02	0.05	200	20	7.8	0.78	0.228	NS
ILMO4.0	Nickel	NA-DVCT-SO01-31	mg/kg	0.16	14.7	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO02-01	mg/kg	0.15	4.2	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO03-01	mg/kg	0.14	6.3	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO04-01	mg/kg	0.15	6	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO05-01	mg/kg	0.16	18.1	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO06-01	mg/kg	0.22	17	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO07-01	mg/kg	0.14	5.9	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-DVCT-SO08-01	mg/kg	0.35	24	41000	4100	1600	160	39.5	NS
ILMO4.0	Potassium	NA-DVCT-SO01-31	mg/kg	0.98	680	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO02-01	mg/kg	0.88	309	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO03-01	mg/kg	0.83	669	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO04-01	mg/kg	0.91	755	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO05-01	mg/kg	0.99	456	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO06-01	mg/kg	1.3	637	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO07-01	mg/kg	0.86	510	.	.	.	.	643	S
ILMO4.0	Potassium	NA-DVCT-SO08-01	mg/kg	1	1000	.	.	.	.	643	S
ILMO4.0	Selenium	NA-DVCT-SO01-31	mg/kg	0.33	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO02-01	mg/kg	0.29	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO03-01	mg/kg	0.28	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO04-01	mg/kg	0.3	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO05-01	mg/kg	0.33	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO06-01	mg/kg	0.44	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO07-01	mg/kg	0.29	ND	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-DVCT-SO08-01	mg/kg	0.35	0.4 L	10000	1000	390	39	0.794	NS
ILMO4.0	Silver	NA-DVCT-SO01-31	mg/kg	0.16	0.19	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO02-01	mg/kg	0.15	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO03-01	mg/kg	0.14	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO04-01	mg/kg	0.15	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO05-01	mg/kg	0.16	0.2	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO06-01	mg/kg	0.22	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO07-01	mg/kg	0.14	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-DVCT-SO08-01	mg/kg	0.17	0.29	10000	1000	390	39	0.61	NS
ILMO4.0	Sodium	NA-DVCT-SO01-31	mg/kg	16.4	1200	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO02-01	mg/kg	14.7	340	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO03-01	mg/kg	13.9	864	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO04-01	mg/kg	15.2	1010	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO05-01	mg/kg	16.4	991	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO06-01	mg/kg	22	640	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO07-01	mg/kg	14.3	459	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-DVCT-SO08-01	mg/kg	17.3	1070	.	.	.	.	2430	NS
ILMO4.0	Thallium	NA-DVCT-SO01-31	mg/kg	0.66	0.79	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO02-01	mg/kg	0.59	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO03-01	mg/kg	0.55	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO04-01	mg/kg	0.61	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO05-01	mg/kg	0.66	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO06-01	mg/kg	0.88	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO07-01	mg/kg	0.57	0.6 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-DVCT-SO08-01	mg/kg	0.69	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Vanadium	NA-DVCT-SO01-31	mg/kg	0.16	91.9	14000	1400	550	55	268	NS

Appendix F-1
Child Development Center - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Vanadium	NA-DVCT-SO02-01	mg/kg	0.15	19.1	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO03-01	mg/kg	0.14	43	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO04-01	mg/kg	0.15	40.8	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO05-01	mg/kg	0.16	117	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO06-01	mg/kg	0.22	101	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO07-01	mg/kg	0.14	26.8	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-DVCT-SO08-01	mg/kg	0.17	151	14000	1400	550	55	268	NS
ILMO4.0	Zinc	NA-DVCT-SO01-31	mg/kg	0.16	113	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO02-01	mg/kg	0.15	119	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO03-01	mg/kg	0.14	30.1	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO04-01	mg/kg	0.15	26.5	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO05-01	mg/kg	0.16	58.5	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO06-01	mg/kg	0.22	63.2	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO07-01	mg/kg	0.14	45.6	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-DVCT-SO08-01	mg/kg	0.17	125	610000	61000	23000	2300	224	NS
300	Chloride	NA-DVCT-SO06-01	mg/kg	0.83	1.15	200000	20000	7800	780	5.16	NS
300	Fluoride	NA-DVCT-SO06-01	mg/kg	0.41	2.04	120000	12000	4700	470	0.763	NS
353.2	Nitrate	NA-DVCT-SO06-01	mg/kg	0.83	6.36	3E+06	330000	130000	13000	15.5	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-DVCT-SO01-02	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO03-02	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO05-02	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-DVCT-SO07-02	ug/kg	0.21	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-DVCT-SO01-02	ug/kg	0.26	2.2	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO03-02	ug/kg	0.18	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO05-02	ug/kg	0.27	6.8	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-DVCT-SO07-02	ug/kg	2.1	190	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO01-02	ug/kg	0.26	2.5	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO03-02	ug/kg	0.18	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO05-02	ug/kg	0.27	5.6 J	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-DVCT-SO07-02	ug/kg	2.1	110	17000	17000	1900	1900	1.7	NS
OLM03.2	Aldrin	NA-DVCT-SO01-02	ug/kg	0.26	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO03-02	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO05-02	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-DVCT-SO07-02	ug/kg	0.21	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
[redacted]M03.2	Aroclor-1221	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
[redacted]M03.2	Aroclor-1232	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO01-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO03-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO05-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-DVCT-SO07-02	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO01-02	ug/kg	0.26	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO03-02	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO05-02	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-DVCT-SO07-02	ug/kg	0.21	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO01-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO03-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-DVCT-SO05-02	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
[redacted]M03.2	Endosulfan I	NA-DVCT-SO07-02	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
[redacted]03.2	Endosulfan II	NA-DVCT-SO01-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan II	NA-DVCT-SO03-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO05-02	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-DVCT-SO07-02	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO01-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO03-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO05-02	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-DVCT-SO07-02	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-DVCT-SO01-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO03-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO05-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-DVCT-SO07-02	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO01-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO03-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO05-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-DVCT-SO07-02	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO01-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO03-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO05-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-DVCT-SO07-02	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO01-02	ug/kg	0.26	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO03-02	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO05-02	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-DVCT-SO07-02	ug/kg	0.21	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO01-02	ug/kg	0.26	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO03-02	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO05-02	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-DVCT-SO07-02	ug/kg	0.21	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO01-02	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO03-02	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO05-02	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-DVCT-SO07-02	ug/kg	0.21	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO01-02	ug/kg	0.26	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO03-02	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO05-02	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-DVCT-SO07-02	ug/kg	0.21	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO01-02	ug/kg	0.26	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO03-02	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO05-02	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-DVCT-SO07-02	ug/kg	0.21	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-DVCT-SO01-02	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-DVCT-SO03-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-DVCT-SO05-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-DVCT-SO07-02	ug/kg	0.21	ND	16000	16000	1800	1800	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO01-02	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO03-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO05-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-DVCT-SO07-02	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO01-02	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO03-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO05-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-DVCT-SO07-02	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO01-02	ug/kg	0.26	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO03-02	ug/kg	0.18	ND	4400	4400	490	490	NC	NC

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO05-02	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-DVCT-SO07-02	ug/kg	0.21	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO01-02	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO03-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO05-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-DVCT-SO07-02	ug/kg	0.21	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO01-02	ug/kg	53	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO03-02	ug/kg	36	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO05-02	ug/kg	55	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-DVCT-SO07-02	ug/kg	43	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO01-02	ug/kg	53	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO03-02	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO05-02	ug/kg	55	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-DVCT-SO07-02	ug/kg	43	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO01-02	ug/kg	53	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO03-02	ug/kg	36	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO05-02	ug/kg	55	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-DVCT-SO07-02	ug/kg	43	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO01-02	ug/kg	53	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO03-02	ug/kg	36	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO05-02	ug/kg	55	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-DVCT-SO07-02	ug/kg	43	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO01-02	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO03-02	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO05-02	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-DVCT-SO07-02	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO01-02	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO03-02	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO05-02	ug/kg	55	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-DVCT-SO07-02	ug/kg	43	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO01-02	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO03-02	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO05-02	ug/kg	55	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-DVCT-SO07-02	ug/kg	43	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO01-02	ug/kg	53	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO03-02	ug/kg	36	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO05-02	ug/kg	55	ND	2E+06	200000	78000	7800	NC	NC

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,6-Dinitrotoluene	NA-DVCT-SO07-02	ug/kg	43	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO01-02	ug/kg	53	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO03-02	ug/kg	36	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO05-02	ug/kg	55	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-DVCT-SO07-02	ug/kg	43	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO01-02	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO03-02	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO05-02	ug/kg	55	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-DVCT-SO07-02	ug/kg	43	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO01-02	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO03-02	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO05-02	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-DVCT-SO07-02	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO01-02	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO03-02	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO05-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-DVCT-SO07-02	ug/kg	43	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO01-02	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO03-02	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO05-02	ug/kg	55	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-DVCT-SO07-02	ug/kg	43	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO01-02	ug/kg	53	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO03-02	ug/kg	36	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO05-02	ug/kg	55	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-DVCT-SO07-02	ug/kg	43	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO01-02	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO03-02	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO05-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-DVCT-SO07-02	ug/kg	43	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO01-02	ug/kg	53	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO03-02	ug/kg	36	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO05-02	ug/kg	55	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-DVCT-SO07-02	ug/kg	43	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO01-02	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO03-02	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO05-02	ug/kg	55	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-DVCT-SO07-02	ug/kg	43	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO01-02	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO03-02	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO05-02	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-DVCT-SO07-02	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO01-02	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO03-02	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO05-02	ug/kg	55	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-DVCT-SO07-02	ug/kg	43	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO01-02	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO03-02	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO05-02	ug/kg	55	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-DVCT-SO07-02	ug/kg	43	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO01-02	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO03-02	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO05-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-DVCT-SO07-02	ug/kg	43	ND	120000	12000	4700	470	NC	NC

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Nitrophenol	NA-DVCT-SO01-02	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO03-02	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO05-02	ug/kg	55	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-DVCT-SO07-02	ug/kg	43	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO01-02	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO03-02	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO05-02	ug/kg	55	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-DVCT-SO07-02	ug/kg	43	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO01-02	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO03-02	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO05-02	ug/kg	55	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-DVCT-SO07-02	ug/kg	43	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO01-02	ug/kg	53	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO03-02	ug/kg	36	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO05-02	ug/kg	55	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-DVCT-SO07-02	ug/kg	43	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO01-02	ug/kg	53	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO03-02	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO05-02	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-DVCT-SO07-02	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO01-02	ug/kg	53	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO03-02	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-DVCT-SO05-02	ug/kg	55	ND	780	780	87	87	NC	NC
MO3.2	Benzo(a)pyrene	NA-DVCT-SO07-02	ug/kg	43	ND	780	780	87	87	NC	NC
MO3.2	Benzo(b)fluoranthene	NA-DVCT-SO01-02	ug/kg	53	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO03-02	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO05-02	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-DVCT-SO07-02	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO01-02	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO03-02	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO05-02	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-DVCT-SO07-02	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO01-02	ug/kg	53	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO03-02	ug/kg	36	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO05-02	ug/kg	55	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-DVCT-SO07-02	ug/kg	43	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO01-02	ug/kg	53	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO03-02	ug/kg	36	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO05-02	ug/kg	55	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-DVCT-SO07-02	ug/kg	43	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO01-02	ug/kg	53	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO03-02	ug/kg	36	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO05-02	ug/kg	55	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-DVCT-SO07-02	ug/kg	43	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO01-02	ug/kg	53	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO03-02	ug/kg	36	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO05-02	ug/kg	55	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-DVCT-SO07-02	ug/kg	43	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO01-02	ug/kg	53	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO03-02	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO05-02	ug/kg	55	ND	780	780	87	87	NC	NC
MO3.2	Dibenz(a,h)anthracene	NA-DVCT-SO07-02	ug/kg	43	ND	780	780	87	87	NC	NC
IO3.2	Dibenzofuran	NA-DVCT-SO01-02	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenzofuran	NA-DVCT-SO03-02	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO05-02	ug/kg	55	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-DVCT-SO07-02	ug/kg	43	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO01-02	ug/kg	53	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO03-02	ug/kg	36	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO05-02	ug/kg	55	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-DVCT-SO07-02	ug/kg	43	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO01-02	ug/kg	53	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO03-02	ug/kg	36	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO05-02	ug/kg	55	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-DVCT-SO07-02	ug/kg	43	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO01-02	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO03-02	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO05-02	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-DVCT-SO07-02	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO01-02	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO03-02	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO05-02	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-DVCT-SO07-02	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO01-02	ug/kg	53	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO03-02	ug/kg	36	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO05-02	ug/kg	55	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-DVCT-SO07-02	ug/kg	43	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO01-02	ug/kg	53	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO03-02	ug/kg	36	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO05-02	ug/kg	55	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-DVCT-SO07-02	ug/kg	43	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO01-02	ug/kg	53	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO03-02	ug/kg	36	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO05-02	ug/kg	55	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-DVCT-SO07-02	ug/kg	43	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO01-02	ug/kg	53	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO03-02	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO05-02	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-DVCT-SO07-02	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO01-02	ug/kg	53	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO03-02	ug/kg	36	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO05-02	ug/kg	55	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-DVCT-SO07-02	ug/kg	43	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO01-02	ug/kg	53	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO03-02	ug/kg	36	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO05-02	ug/kg	55	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-DVCT-SO07-02	ug/kg	43	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO01-02	ug/kg	53	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO03-02	ug/kg	36	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO05-02	ug/kg	55	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-DVCT-SO07-02	ug/kg	43	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO01-02	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO03-02	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Naphthalene	NA-DVCT-SO05-02	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-DVCT-SO07-02	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO01-02	ug/kg	53	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO03-02	ug/kg	36	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO05-02	ug/kg	55	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-DVCT-SO07-02	ug/kg	43	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO01-02	ug/kg	53	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO03-02	ug/kg	36	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO05-02	ug/kg	55	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-DVCT-SO07-02	ug/kg	43	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO01-02	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO03-02	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO05-02	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-DVCT-SO07-02	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO01-02	ug/kg	53	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO03-02	ug/kg	36	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO05-02	ug/kg	55	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-DVCT-SO07-02	ug/kg	43	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-DVCT-SO01-02	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-DVCT-SO03-02	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-DVCT-SO05-02	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-DVCT-SO07-02	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO01-02	ug/kg	53	ND	5200	5200	580	580	NC	NC
[illegible]MO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO03-02	ug/kg	36	ND	5200	5200	580	580	NC	NC
[illegible]MO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO05-02	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-DVCT-SO07-02	ug/kg	43	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO01-02	ug/kg	53	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO03-02	ug/kg	36	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO05-02	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-DVCT-SO07-02	ug/kg	43	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO01-02	ug/kg	53	250	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO03-02	ug/kg	36	84	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO05-02	ug/kg	55	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-DVCT-SO07-02	ug/kg	43	70	410000	410000	46000	46000	NC	NC
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO01-02	ug/kg	53	180	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO03-02	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO05-02	ug/kg	55	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-DVCT-SO07-02	ug/kg	43	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO01-02	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO03-02	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO05-02	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-DVCT-SO07-02	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO01-02	ug/kg	53	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO03-02	ug/kg	36	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO05-02	ug/kg	55	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-DVCT-SO07-02	ug/kg	43	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO01-02	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO03-02	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO05-02	ug/kg	55	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-DVCT-SO07-02	ug/kg	43	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO01-02	ng/kg	1.5	268	38000	38000	4300	4300	39.6	NS
[illegible]8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO03-02	ng/kg	0.4	18.5	38000	38000	4300	4300	39.6	NS
[illegible]290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO05-02	ng/kg	1.6	202	38000	38000	4300	4300	39.6	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-DVCT-SO07-02	ng/kg	1	99.7	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO01-02	ng/kg	1.2	49.5	38000	38000	4300	4300	4.6	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO03-02	ng/kg	0.3	17.4	38000	38000	4300	4300	4.6	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO05-02	ng/kg	1.4	7.9 J	38000	38000	4300	4300	4.6	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-DVCT-SO07-02	ng/kg	0.9	6.2 J	38000	38000	4300	4300	4.6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO01-02	ng/kg	1.3	28.8	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO03-02	ng/kg	0.4	5.1	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO05-02	ng/kg	1.2	15.6	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-DVCT-SO07-02	ng/kg	0.7	10.8	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO01-02	ng/kg	0.9	20.1	3800	3800	430	430	5.1	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO03-02	ng/kg	0.3	11.2	3800	3800	430	430	5.1	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO05-02	ng/kg	0.8	6.3	3800	3800	430	430	5.1	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-DVCT-SO07-02	ng/kg	0.4	6.9	3800	3800	430	430	5.1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO01-02	ng/kg	1.2	2.3 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO03-02	ng/kg	0.4	4 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO05-02	ng/kg	1.1	ND	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-DVCT-SO07-02	ng/kg	0.6	0.75 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO01-02	ng/kg	1.3	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO03-02	ng/kg	0.4	ND J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO05-02	ng/kg	1	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-DVCT-SO07-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO01-02	ng/kg	0.9	6.6	380	380	43	43	2.1	S
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO03-02	ng/kg	0.3	6.8	380	380	43	43	2.1	S
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO05-02	ng/kg	0.6	2.5 J	380	380	43	43	2.1	S
SW8290	1,2,3,4,7,8-HxCDF	NA-DVCT-SO07-02	ng/kg	0.4	2.8 J	380	380	43	43	2.1	S
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO01-02	ng/kg	1	2.5 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO03-02	ng/kg	0.3	0.56 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO05-02	ng/kg	1	2.4 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-DVCT-SO07-02	ng/kg	0.5	1.1 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO01-02	ng/kg	0.8	2.8 J	380	380	43	43	1.1	S
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO03-02	ng/kg	0.2	2.4 J	380	380	43	43	1.1	S
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO05-02	ng/kg	0.6	1.3 J	380	380	43	43	1.1	S
SW8290	1,2,3,6,7,8-HxCDF	NA-DVCT-SO07-02	ng/kg	0.4	1.3 J	380	380	43	43	1.1	S
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO01-02	ng/kg	1	5.5	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO03-02	ng/kg	0.4	0.88 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO05-02	ng/kg	1	8.2	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-DVCT-SO07-02	ng/kg	0.5	3.3 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO01-02	ng/kg	1.1	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO03-02	ng/kg	0.4	0.7 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO05-02	ng/kg	0.8	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-DVCT-SO07-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO01-02	ng/kg	0.9	1.8 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO03-02	ng/kg	0.3	ND UJ	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO05-02	ng/kg	0.7	2 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-DVCT-SO07-02	ng/kg	0.8	1.2 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO01-02	ng/kg	0.7	2.5 J	760	760	86	86	0.8	S
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO03-02	ng/kg	0.2	2.2 J	760	760	86	86	0.8	S
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO05-02	ng/kg	0.5	1.2 J	760	760	86	86	0.8	S
SW8290	1,2,3,7,8-PeCDF	NA-DVCT-SO07-02	ng/kg	0.3	0.87 J	760	760	86	86	0.8	S
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO01-02	ng/kg	1	4.4 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO03-02	ng/kg	0.3	2.9 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO05-02	ng/kg	0.7	1.5 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-DVCT-SO07-02	ng/kg	0.4	2.2 J	380	380	43	43	2.2	NS

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO01-02	ng/kg	0.7	3.4 J	76	76	8.6	8.6	1.2	S
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO03-02	ng/kg	0.2	1.3 J	76	76	8.6	8.6	1.2	S
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO05-02	ng/kg	0.5	1.4 J	76	76	8.6	8.6	1.2	S
SW8290	2,3,4,7,8-PeCDF	NA-DVCT-SO07-02	ng/kg	0.4	1.4 J	76	76	8.6	8.6	1.2	S
SW8290	2,3,7,8-TCDD	NA-DVCT-SO01-02	ng/kg	0.5	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-DVCT-SO03-02	ng/kg	0.2	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-DVCT-SO05-02	ng/kg	0.5	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-DVCT-SO07-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDF	NA-DVCT-SO01-02	ng/kg	1	4.2	380	380	43	43	0.99	S
SW8290	2,3,7,8-TCDF	NA-DVCT-SO03-02	ng/kg	0.7	1.5	380	380	43	43	0.99	S
SW8290	2,3,7,8-TCDF	NA-DVCT-SO05-02	ng/kg	0.6	1.3	380	380	43	43	0.99	S
SW8290	2,3,7,8-TCDF	NA-DVCT-SO07-02	ng/kg	0.5	1.2	380	380	43	43	0.99	S
SW8290	Total HpCDD	NA-DVCT-SO01-02	ng/kg	1.3	54.4	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-DVCT-SO03-02	ng/kg	0.4	10.4	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-DVCT-SO05-02	ng/kg	1.2	33.4	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-DVCT-SO07-02	ng/kg	0.7	24	.	.	.	.	13.1	NS
SW8290	Total HpCDF	NA-DVCT-SO01-02	ng/kg	1	48.5	.	.	.	.	10	S
SW8290	Total HpCDF	NA-DVCT-SO03-02	ng/kg	0.3	21.9	.	.	.	.	10	S
SW8290	Total HpCDF	NA-DVCT-SO05-02	ng/kg	0.9	12	.	.	.	.	10	S
SW8290	Total HpCDF	NA-DVCT-SO07-02	ng/kg	0.5	11.4	.	.	.	.	10	S
SW8290	Total HxCDD	NA-DVCT-SO01-02	ng/kg	1.1	32.6	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-DVCT-SO03-02	ng/kg	0.4	9	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-DVCT-SO05-02	ng/kg	1	33.6	.	.	.	.	19.1	NS
[illegible]8290	Total HxCDD	NA-DVCT-SO07-02	ng/kg	0.5	16.7	.	.	.	.	19.1	NS
[illegible]8290	Total HxCDF	NA-DVCT-SO01-02	ng/kg	0.9	31.1	.	.	.	.	11.5	S
SW8290	Total HxCDF	NA-DVCT-SO03-02	ng/kg	0.3	22.7	.	.	.	.	11.5	S
SW8290	Total HxCDF	NA-DVCT-SO05-02	ng/kg	0.7	13.4	.	.	.	.	11.5	S
SW8290	Total HxCDF	NA-DVCT-SO07-02	ng/kg	0.4	12.1	.	.	.	.	11.5	S
SW8290	Total PeCDD	NA-DVCT-SO01-02	ng/kg	0.9	6.1	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-DVCT-SO03-02	ng/kg	0.3	5.9	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-DVCT-SO05-02	ng/kg	0.7	4.7	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-DVCT-SO07-02	ng/kg	0.8	5.6	.	.	.	.	4.9	NS
SW8290	Total PeCDF	NA-DVCT-SO01-02	ng/kg	0.7	38.9	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-DVCT-SO03-02	ng/kg	0.2	16.2	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-DVCT-SO05-02	ng/kg	0.5	9.8	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-DVCT-SO07-02	ng/kg	0.4	13	.	.	.	.	12.1	NS
SW8290	Total TCDD	NA-DVCT-SO01-02	ng/kg	0.5	8.2	.	.	.	.	2.3	S
SW8290	Total TCDD	NA-DVCT-SO03-02	ng/kg	0.2	4.5	.	.	.	.	2.3	S
SW8290	Total TCDD	NA-DVCT-SO05-02	ng/kg	0.5	3.4	.	.	.	.	2.3	S
SW8290	Total TCDD	NA-DVCT-SO07-02	ng/kg	0.3	4.5	.	.	.	.	2.3	S
SW8290	Total TCDF	NA-DVCT-SO01-02	ng/kg	0.4	18.4	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-DVCT-SO03-02	ng/kg	0.2	10.8	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-DVCT-SO05-02	ng/kg	0.4	23.5	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-DVCT-SO07-02	ng/kg	0.2	17.6	.	.	.	.	13.3	NS
ILM04.0	Cyanide	NA-DVCT-SO01-02	mg/kg	0.27	0.97	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-DVCT-SO03-02	mg/kg	0.17	0.37	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-DVCT-SO05-02	mg/kg	0.36	0.97	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-DVCT-SO07-02	mg/kg	0.23	0.6	41000	4100	1600	160	0.39	NS
ILMO4.0	Aluminum	NA-DVCT-SO01-02	mg/kg	2.5	53700	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-DVCT-SO03-02	mg/kg	1.7	22700	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-DVCT-SO05-02	mg/kg	2.6	60300	2E+06	200000	78000	7800	57700	NS
[illegible]MO4.0	Aluminum	NA-DVCT-SO07-02	mg/kg	2	43300	2E+06	200000	78000	7800	57700	NS
[illegible]O4.0	Antimony	NA-DVCT-SO01-02	mg/kg	0.62	1.2 L	820	82	31	3.1	1.5	NS

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Antimony	NA-DVCT-SO03-02	mg/kg	0.43	ND UL	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-DVCT-SO05-02	mg/kg	0.66	0.84 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-DVCT-SO07-02	mg/kg	0.5	0.83 L	820	82	31	3.1	1.5	NS
ILMO4.0	Arsenic	NA-DVCT-SO01-02	mg/kg	0.82	3.1	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-DVCT-SO03-02	mg/kg	0.57	2.4	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-DVCT-SO05-02	mg/kg	0.87	3.4	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-DVCT-SO07-02	mg/kg	0.67	4.3	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Barium	NA-DVCT-SO01-02	mg/kg	0.21	81 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-DVCT-SO03-02	mg/kg	0.14	31.1 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-DVCT-SO05-02	mg/kg	0.22	81.9 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-DVCT-SO07-02	mg/kg	0.17	118 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Beryllium	NA-DVCT-SO01-02	mg/kg	0.21	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-DVCT-SO03-02	mg/kg	0.14	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-DVCT-SO05-02	mg/kg	0.22	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-DVCT-SO07-02	mg/kg	0.17	ND	4100	410	160	16	NC	NC
ILMO4.0	Cadmium	NA-DVCT-SO01-02	mg/kg	0.21	1.3 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-DVCT-SO03-02	mg/kg	0.14	0.52 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-DVCT-SO05-02	mg/kg	0.22	1.6 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-DVCT-SO07-02	mg/kg	0.17	1.3 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Calcium	NA-DVCT-SO01-02	mg/kg	5.3	13400	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-DVCT-SO03-02	mg/kg	3.7	27000	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-DVCT-SO05-02	mg/kg	5.7	10900	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-DVCT-SO07-02	mg/kg	4.3	12000	.	.	.	.	11600	NS
ILMO4.0	Chromium	NA-DVCT-SO01-02	mg/kg	0.21	25.4	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-DVCT-SO03-02	mg/kg	0.14	11.2	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-DVCT-SO05-02	mg/kg	0.22	29.3	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-DVCT-SO07-02	mg/kg	0.17	20.6	10000	1000	390	39	30.8	NS
ILMO4.0	Cobalt	NA-DVCT-SO01-02	mg/kg	0.21	20.4	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-DVCT-SO03-02	mg/kg	0.14	5.9	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-DVCT-SO05-02	mg/kg	0.22	23.8	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-DVCT-SO07-02	mg/kg	0.17	15.7	120000	12000	4700	470	25	NS
ILMO4.0	Copper	NA-DVCT-SO01-02	mg/kg	0.21	110	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-DVCT-SO03-02	mg/kg	0.14	18.1	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-DVCT-SO05-02	mg/kg	0.22	127	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-DVCT-SO07-02	mg/kg	0.17	84.2	82000	8200	3100	310	116	NS
ILMO4.0	Iron	NA-DVCT-SO01-02	mg/kg	2.9	43600	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-DVCT-SO03-02	mg/kg	2	17200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-DVCT-SO05-02	mg/kg	3.1	50100	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-DVCT-SO07-02	mg/kg	2.3	37000	610000	61000	23000	2300	51800	NS
ILMO4.0	Lead	NA-DVCT-SO01-02	mg/kg	0.41	19.1	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-DVCT-SO03-02	mg/kg	0.28	3.5	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-DVCT-SO05-02	mg/kg	0.44	14.7	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-DVCT-SO07-02	mg/kg	0.33	13.9	400	400	400	400	8.7	NS
ILMO4.0	Magnesium	NA-DVCT-SO01-02	mg/kg	1.8	9040	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-DVCT-SO03-02	mg/kg	1.3	5210	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-DVCT-SO05-02	mg/kg	2	9810	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-DVCT-SO07-02	mg/kg	1.5	7990	.	.	.	.	12200	NS
ILMO4.0	Manganese	NA-DVCT-SO01-02	mg/kg	0.21	813	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-DVCT-SO03-02	mg/kg	0.14	283	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-DVCT-SO05-02	mg/kg	0.22	939	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-DVCT-SO07-02	mg/kg	0.17	659	41000	4100	1600	160	890	NS
ILMO4.0	Mercury	NA-DVCT-SO01-02	mg/kg	0.02	0.12	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-DVCT-SO03-02	mg/kg	0.02	ND	200	20	7.8	0.78	0.04	NS

Appendix F-2
Child Development Center - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Mercury	NA-DVCT-SO05-02	mg/kg	0.03	0.05	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-DVCT-SO07-02	mg/kg	0.02	0.08	200	20	7.8	0.78	0.04	NS
ILMO4.0	Nickel	NA-DVCT-SO01-02	mg/kg	0.21	24.7	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-DVCT-SO03-02	mg/kg	0.14	9.6	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-DVCT-SO05-02	mg/kg	0.22	29.1	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-DVCT-SO07-02	mg/kg	0.17	21.8	41000	4100	1600	160	32.9	NS
ILMO4.0	Potassium	NA-DVCT-SO01-02	mg/kg	1.2	417	.	.	.	.	285	S
ILMO4.0	Potassium	NA-DVCT-SO03-02	mg/kg	0.85	852	.	.	.	.	285	S
ILMO4.0	Potassium	NA-DVCT-SO05-02	mg/kg	1.3	382	.	.	.	.	285	S
ILMO4.0	Potassium	NA-DVCT-SO07-02	mg/kg	1	1370	.	.	.	.	285	S
ILMO4.0	Selenium	NA-DVCT-SO01-02	mg/kg	0.41	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-DVCT-SO03-02	mg/kg	0.28	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-DVCT-SO05-02	mg/kg	0.44	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-DVCT-SO07-02	mg/kg	0.33	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Silver	NA-DVCT-SO01-02	mg/kg	0.21	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-DVCT-SO03-02	mg/kg	0.14	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-DVCT-SO05-02	mg/kg	0.22	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-DVCT-SO07-02	mg/kg	0.17	0.18	10000	1000	390	39	NC	NC
ILMO4.0	Sodium	NA-DVCT-SO01-02	mg/kg	20.5	2100	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-DVCT-SO03-02	mg/kg	14.2	1480	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-DVCT-SO05-02	mg/kg	21.9	1640	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-DVCT-SO07-02	mg/kg	16.7	1500	.	.	.	.	2030	NS
ILMO4.0	Thallium	NA-DVCT-SO01-02	mg/kg	0.82	2	140	14	5.5	0.55	1.7	NS
[illegible]O4.0	Thallium	NA-DVCT-SO03-02	mg/kg	0.57	0.58	140	14	5.5	0.55	1.7	NS
[illegible]O4.0	Thallium	NA-DVCT-SO05-02	mg/kg	0.87	2.4	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-DVCT-SO07-02	mg/kg	0.67	1.8	140	14	5.5	0.55	1.7	NS
ILMO4.0	Vanadium	NA-DVCT-SO01-02	mg/kg	0.21	174	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-DVCT-SO03-02	mg/kg	0.14	56.1	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-DVCT-SO05-02	mg/kg	0.22	207	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-DVCT-SO07-02	mg/kg	0.17	127	14000	1400	550	55	219	NS
ILMO4.0	Zinc	NA-DVCT-SO01-02	mg/kg	0.21	88.2	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-DVCT-SO03-02	mg/kg	0.14	35.1	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-DVCT-SO05-02	mg/kg	0.22	70.6	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-DVCT-SO07-02	mg/kg	0.17	75.5	610000	61000	23000	2300	48.6	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-ELEM-SO01-01	ug/kg	0.17	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO02-01	ug/kg	0.19	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO03-01	ug/kg	2.2	120	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO04-01	ug/kg	0.21	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO05-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO06-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO07-01	ug/kg	0.33	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO08-01	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-ELEM-SO01-01	ug/kg	0.17	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO02-01	ug/kg	0.19	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO03-01	ug/kg	0.22	39	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO04-01	ug/kg	0.21	2.5	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO05-01	ug/kg	0.18	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO06-01	ug/kg	0.18	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO07-01	ug/kg	0.33	23	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO08-01	ug/kg	0.26	9.4	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO01-01	ug/kg	0.17	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO02-01	ug/kg	0.19	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO03-01	ug/kg	0.22	47	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO04-01	ug/kg	0.21	3.1	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO05-01	ug/kg	0.18	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO06-01	ug/kg	0.18	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO07-01	ug/kg	0.33	21 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO08-01	ug/kg	0.26	7.8 J	17000	17000	1900	1900	200	NS
OLM03.2	Aldrin	NA-ELEM-SO01-01	ug/kg	0.17	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO02-01	ug/kg	0.19	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO03-01	ug/kg	0.22	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO04-01	ug/kg	0.21	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO05-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO06-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO07-01	ug/kg	0.33	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO08-01	ug/kg	0.26	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1232	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO04-01	ug/kg	0.21	42	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO01-01	ug/kg	0.17	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO02-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO03-01	ug/kg	0.22	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO04-01	ug/kg	0.21	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO06-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO07-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO08-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO01-01	ug/kg	0.17	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO02-01	ug/kg	0.19	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO03-01	ug/kg	0.22	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO04-01	ug/kg	0.21	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO05-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO06-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO07-01	ug/kg	0.33	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO08-01	ug/kg	0.26	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO01-01	ug/kg	0.17	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO02-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO03-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO04-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO06-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO07-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO08-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO01-01	ug/kg	0.17	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO02-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan II	NA-ELEM-SO03-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO04-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO06-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO07-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO08-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO01-01	ug/kg	0.17	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO02-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO03-01	ug/kg	0.22	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO04-01	ug/kg	0.21	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO06-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO07-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO08-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-ELEM-SO01-01	ug/kg	0.17	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO02-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO03-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO04-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO06-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO07-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO08-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO01-01	ug/kg	0.17	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO02-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO03-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO04-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO06-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO07-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO08-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO01-01	ug/kg	0.17	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO02-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO03-01	ug/kg	0.22	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO04-01	ug/kg	0.21	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO06-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO07-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO08-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO01-01	ug/kg	0.17	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO02-01	ug/kg	0.19	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO03-01	ug/kg	0.22	11 J	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO04-01	ug/kg	0.21	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO05-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO06-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO07-01	ug/kg	0.33	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO08-01	ug/kg	0.26	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO01-01	ug/kg	0.17	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO02-01	ug/kg	0.19	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO03-01	ug/kg	0.22	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO04-01	ug/kg	0.21	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO05-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO06-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO07-01	ug/kg	0.33	ND	630	630	70	70	NC	NC

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Heptachlor epoxide	NA-ELEM-SO08-01	ug/kg	0.26	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO01-01	ug/kg	0.17	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO02-01	ug/kg	0.19	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO03-01	ug/kg	0.22	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO04-01	ug/kg	0.21	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO06-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO07-01	ug/kg	0.33	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO08-01	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO01-01	ug/kg	0.17	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO02-01	ug/kg	0.19	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO03-01	ug/kg	0.22	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO04-01	ug/kg	0.21	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO05-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO06-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO07-01	ug/kg	0.33	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO08-01	ug/kg	0.26	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO01-01	ug/kg	0.17	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO02-01	ug/kg	0.19	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO03-01	ug/kg	0.22	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO04-01	ug/kg	0.21	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO05-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO06-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO07-01	ug/kg	0.33	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO08-01	ug/kg	0.26	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-ELEM-SO01-01	ug/kg	0.17	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO02-01	ug/kg	0.19	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO03-01	ug/kg	2.2	220	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO04-01	ug/kg	0.21	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO05-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO06-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO07-01	ug/kg	0.33	2.9	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-ELEM-SO08-01	ug/kg	0.26	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	beta-BHC	NA-ELEM-SO01-01	ug/kg	0.17	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO02-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO03-01	ug/kg	0.22	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO04-01	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO05-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO06-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO07-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO08-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO01-01	ug/kg	0.17	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO02-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO03-01	ug/kg	0.22	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO04-01	ug/kg	0.21	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO05-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO06-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO07-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO08-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO01-01	ug/kg	0.17	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO02-01	ug/kg	0.19	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO03-01	ug/kg	0.22	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO04-01	ug/kg	0.21	ND	4400	4400	490	490	NC	NC

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO05-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO06-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO07-01	ug/kg	0.33	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO08-01	ug/kg	0.26	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO01-01	ug/kg	0.17	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO02-01	ug/kg	0.19	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO03-01	ug/kg	2.2	220	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO04-01	ug/kg	0.21	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO05-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO06-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO07-01	ug/kg	0.33	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO08-01	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO01-01	ug/kg	35	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO02-01	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO03-01	ug/kg	45	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO04-01	ug/kg	43	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO05-01	ug/kg	35	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO06-01	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO07-01	ug/kg	67	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-ELEM-SO08-01	ug/kg	52	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO01-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	NC	NC

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO02-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO03-01	ug/kg	45	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO04-01	ug/kg	43	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO05-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO06-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO07-01	ug/kg	67	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO08-01	ug/kg	52	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO01-01	ug/kg	35	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO02-01	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO03-01	ug/kg	45	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO04-01	ug/kg	43	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO05-01	ug/kg	35	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO06-01	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO07-01	ug/kg	67	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO08-01	ug/kg	52	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO01-01	ug/kg	35	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO02-01	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO03-01	ug/kg	45	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO04-01	ug/kg	43	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO05-01	ug/kg	35	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO06-01	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO07-01	ug/kg	67	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO08-01	ug/kg	52	ND	6E+06	610000	230000	23000	NC	NC
[redacted]MO3.2	2,4-Dimethylphenol	NA-ELEM-SO01-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
[redacted]MO3.2	2,4-Dimethylphenol	NA-ELEM-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO03-01	ug/kg	45	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO04-01	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO05-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO06-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO07-01	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO08-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO01-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO02-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO03-01	ug/kg	45	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO04-01	ug/kg	43	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO05-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO06-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO07-01	ug/kg	67	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO08-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO01-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO02-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO03-01	ug/kg	45	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO04-01	ug/kg	43	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO05-01	ug/kg	35	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO06-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO07-01	ug/kg	67	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO08-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO01-01	ug/kg	35	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO02-01	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO03-01	ug/kg	45	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO04-01	ug/kg	43	ND	2E+06	200000	78000	7800	NC	NC
[redacted]MO3.2	2,6-Dinitrotoluene	NA-ELEM-SO05-01	ug/kg	35	ND	2E+06	200000	78000	7800	NC	NC
[redacted]MO3.2	2,6-Dinitrotoluene	NA-ELEM-SO06-01	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO07-01	ug/kg	67	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO08-01	ug/kg	52	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO01-01	ug/kg	35	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO02-01	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO03-01	ug/kg	45	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO04-01	ug/kg	43	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO05-01	ug/kg	35	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO06-01	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO07-01	ug/kg	67	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO08-01	ug/kg	52	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO01-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO02-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO03-01	ug/kg	45	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO04-01	ug/kg	43	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO05-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO06-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO07-01	ug/kg	67	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO08-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO01-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO03-01	ug/kg	45	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO04-01	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO05-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO06-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO07-01	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO08-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO01-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO03-01	ug/kg	45	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO04-01	ug/kg	43	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO05-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO06-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO07-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO08-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO01-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO02-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO03-01	ug/kg	45	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO04-01	ug/kg	43	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO05-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO06-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO07-01	ug/kg	67	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO08-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO01-01	ug/kg	35	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO02-01	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO03-01	ug/kg	45	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO04-01	ug/kg	43	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO05-01	ug/kg	35	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO06-01	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO07-01	ug/kg	67	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO08-01	ug/kg	52	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO01-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO03-01	ug/kg	45	ND	120000	12000	4700	470	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	3-Nitroaniline	NA-ELEM-SO04-01	ug/kg	43	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO05-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO06-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO07-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO08-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO01-01	ug/kg	35	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO02-01	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO03-01	ug/kg	45	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO04-01	ug/kg	43	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO05-01	ug/kg	35	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO06-01	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO07-01	ug/kg	67	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-	NA-ELEM-SO08-01	ug/kg	52	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO01-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO03-01	ug/kg	45	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO04-01	ug/kg	43	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO05-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO06-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO07-01	ug/kg	67	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-	NA-ELEM-SO08-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO01-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO03-01	ug/kg	45	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO04-01	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO05-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO06-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO07-01	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO08-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO01-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO02-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO03-01	ug/kg	45	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO04-01	ug/kg	43	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO05-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO06-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO07-01	ug/kg	67	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO08-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO01-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO03-01	ug/kg	45	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO04-01	ug/kg	43	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO05-01	ug/kg	35	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO06-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO07-01	ug/kg	67	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-	NA-ELEM-SO08-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO01-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO02-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO03-01	ug/kg	45	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO04-01	ug/kg	43	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO05-01	ug/kg	35	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO06-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO07-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO08-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Nitrophenol	NA-ELEM-SO01-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO02-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO03-01	ug/kg	45	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO04-01	ug/kg	43	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO05-01	ug/kg	35	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO06-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO07-01	ug/kg	67	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO08-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO01-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO03-01	ug/kg	45	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO04-01	ug/kg	43	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO05-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO06-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO07-01	ug/kg	67	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO08-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO01-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO02-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO03-01	ug/kg	45	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO04-01	ug/kg	43	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO05-01	ug/kg	35	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO06-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO07-01	ug/kg	67	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO08-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO01-01	ug/kg	35	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO02-01	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO03-01	ug/kg	45	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO04-01	ug/kg	43	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO05-01	ug/kg	35	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO06-01	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO07-01	ug/kg	67	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO08-01	ug/kg	52	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO01-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO03-01	ug/kg	45	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO04-01	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO05-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO06-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO07-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO08-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO01-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO02-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO03-01	ug/kg	45	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO04-01	ug/kg	43	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO05-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO06-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO07-01	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO08-01	ug/kg	52	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO01-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO03-01	ug/kg	45	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO04-01	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO05-01	ug/kg	35	ND	7800	7800	870	870	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO06-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO07-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO08-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO01-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO03-01	ug/kg	45	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO04-01	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO05-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO06-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO07-01	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO08-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO01-01	ug/kg	35	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO02-01	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO03-01	ug/kg	45	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO04-01	ug/kg	43	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO05-01	ug/kg	35	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO06-01	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO07-01	ug/kg	67	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO08-01	ug/kg	52	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO01-01	ug/kg	35	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO02-01	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO03-01	ug/kg	45	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO04-01	ug/kg	43	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO05-01	ug/kg	35	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO06-01	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO07-01	ug/kg	67	96	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO08-01	ug/kg	52	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Carbazole	NA-ELEM-SO01-01	ug/kg	35	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO02-01	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO03-01	ug/kg	45	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO04-01	ug/kg	43	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO05-01	ug/kg	35	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO06-01	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO07-01	ug/kg	67	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO08-01	ug/kg	52	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO01-01	ug/kg	35	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO02-01	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO03-01	ug/kg	45	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO04-01	ug/kg	43	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO05-01	ug/kg	35	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO06-01	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO07-01	ug/kg	67	73	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO08-01	ug/kg	52	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO01-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO02-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO03-01	ug/kg	45	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO04-01	ug/kg	43	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO05-01	ug/kg	35	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO06-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO07-01	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO08-01	ug/kg	52	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO01-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO02-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenzofuran	NA-ELEM-SO03-01	ug/kg	45	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO04-01	ug/kg	43	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO05-01	ug/kg	35	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO06-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO07-01	ug/kg	67	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO08-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-ELEM-SO01-01	ug/kg	35	47	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO02-01	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO03-01	ug/kg	45	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO04-01	ug/kg	43	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO05-01	ug/kg	35	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO06-01	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO07-01	ug/kg	67	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-ELEM-SO08-01	ug/kg	52	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Dimethylphthalate	NA-ELEM-SO01-01	ug/kg	35	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO02-01	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO03-01	ug/kg	45	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO04-01	ug/kg	43	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO05-01	ug/kg	35	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO06-01	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO07-01	ug/kg	67	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO08-01	ug/kg	52	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO01-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO03-01	ug/kg	45	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO04-01	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO05-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO06-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO07-01	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO08-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluorene	NA-ELEM-SO01-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO03-01	ug/kg	45	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO04-01	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO05-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO06-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO07-01	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO08-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO01-01	ug/kg	35	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO02-01	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO03-01	ug/kg	45	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO04-01	ug/kg	43	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO05-01	ug/kg	35	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO06-01	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO07-01	ug/kg	67	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO08-01	ug/kg	52	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	3600	3600	400	400	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO01-01	ug/kg	35	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO02-01	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO03-01	ug/kg	45	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO04-01	ug/kg	43	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO05-01	ug/kg	35	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO06-01	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO07-01	ug/kg	67	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO08-01	ug/kg	52	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO01-01	ug/kg	35	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO02-01	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO03-01	ug/kg	45	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO04-01	ug/kg	43	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO05-01	ug/kg	35	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO06-01	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO07-01	ug/kg	67	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO08-01	ug/kg	52	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO01-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO02-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO03-01	ug/kg	45	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO04-01	ug/kg	43	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO05-01	ug/kg	35	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO06-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO07-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO08-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO01-01	ug/kg	35	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO02-01	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO03-01	ug/kg	45	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO04-01	ug/kg	43	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO05-01	ug/kg	35	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO06-01	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO07-01	ug/kg	67	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO08-01	ug/kg	52	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO01-01	ug/kg	35	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO02-01	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO03-01	ug/kg	45	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO04-01	ug/kg	43	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO05-01	ug/kg	35	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO06-01	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO07-01	ug/kg	67	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-	NA-ELEM-SO08-01	ug/kg	52	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO01-01	ug/kg	35	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO02-01	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO03-01	ug/kg	45	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO04-01	ug/kg	43	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO05-01	ug/kg	35	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO06-01	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO07-01	ug/kg	67	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO08-01	ug/kg	52	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO01-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO02-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO03-01	ug/kg	45	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO04-01	ug/kg	43	ND	8E+07	8E+06	3E+06	310000	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Naphthalene	NA-ELEM-SO05-01	ug/kg	35	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO06-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO07-01	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO08-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO01-01	ug/kg	35	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO02-01	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO03-01	ug/kg	45	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO04-01	ug/kg	43	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO05-01	ug/kg	35	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO06-01	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO07-01	ug/kg	67	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO08-01	ug/kg	52	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO01-01	ug/kg	35	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO02-01	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO03-01	ug/kg	45	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO04-01	ug/kg	43	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO05-01	ug/kg	35	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO06-01	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO07-01	ug/kg	67	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO08-01	ug/kg	52	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO01-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO03-01	ug/kg	45	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO04-01	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO05-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO06-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO07-01	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO08-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO01-01	ug/kg	35	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO02-01	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO03-01	ug/kg	45	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO04-01	ug/kg	43	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO05-01	ug/kg	35	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO06-01	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO07-01	ug/kg	67	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO08-01	ug/kg	52	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-ELEM-SO01-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO02-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO03-01	ug/kg	45	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO04-01	ug/kg	43	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO05-01	ug/kg	35	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO06-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO07-01	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-ELEM-SO08-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	70	NC
OLMO3.2	bis(2-	NA-ELEM-SO01-01	ug/kg	35	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO02-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO03-01	ug/kg	45	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO04-01	ug/kg	43	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO05-01	ug/kg	35	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO06-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO07-01	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-	NA-ELEM-SO08-01	ug/kg	52	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO01-01	ug/kg	35	ND	5200	5200	580	580	NC	NC

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO02-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO03-01	ug/kg	45	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO04-01	ug/kg	43	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO05-01	ug/kg	35	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO06-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO07-01	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO08-01	ug/kg	52	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO01-01	ug/kg	35	210	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO02-01	ug/kg	37	240	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO03-01	ug/kg	45	400	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO04-01	ug/kg	43	590	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO05-01	ug/kg	35	140	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO06-01	ug/kg	37	200	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO07-01	ug/kg	67	980	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO08-01	ug/kg	52	230	410000	410000	46000	46000	785	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO01-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO02-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO03-01	ug/kg	45	330	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO04-01	ug/kg	43	350	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO05-01	ug/kg	35	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO06-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO07-01	ug/kg	67	89	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO08-01	ug/kg	52	ND	2E+08	2E+07	8E+06	780000	280	NS
[redacted]MO3.2	di-n-Octylphthalate	NA-ELEM-SO01-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
[redacted]MO3.2	di-n-Octylphthalate	NA-ELEM-SO02-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO03-01	ug/kg	45	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO04-01	ug/kg	43	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO05-01	ug/kg	35	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO06-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO07-01	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO08-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO01-01	ug/kg	35	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO02-01	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO03-01	ug/kg	45	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO04-01	ug/kg	43	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO05-01	ug/kg	35	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO06-01	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO07-01	ug/kg	67	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO08-01	ug/kg	52	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO01-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO02-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO03-01	ug/kg	45	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO04-01	ug/kg	43	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO05-01	ug/kg	35	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO06-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO07-01	ug/kg	67	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO08-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO01-01	ng/kg	0.5	16.4 BJ	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO02-01	ng/kg	0.4	26.1 J	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO03-01	ng/kg	1.2	2370	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO04-01	ng/kg	0.5	335	38000	38000	4300	4300	1180	NS
[redacted]8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO05-01	ng/kg	1.5	27.3	38000	38000	4300	4300	1180	NS
[redacted]290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO06-01	ng/kg	1.3	19.4	38000	38000	4300	4300	1180	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO07-01	ng/kg	0.8	2210	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO08-01	ng/kg	0.5	379	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO01-01	ng/kg	0.4	5.9 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO02-01	ng/kg	0.3	2.5 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO03-01	ng/kg	1	117 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO04-01	ng/kg	0.4	36.6 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO05-01	ng/kg	1.3	3.6 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO06-01	ng/kg	1.1	3.5 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO07-01	ng/kg	0.7	339	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO08-01	ng/kg	0.4	36.5	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO01-01	ng/kg	0.4	3.2 BJ	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO02-01	ng/kg	0.3	3.7 BJ	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO03-01	ng/kg	0.7	133 J	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO04-01	ng/kg	0.3	41.2	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO05-01	ng/kg	1.4	5.2	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO06-01	ng/kg	1.4	5	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO07-01	ng/kg	0.8	365	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO08-01	ng/kg	0.4	49.8	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO01-01	ng/kg	0.3	6.1	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO02-01	ng/kg	0.2	3.3 BJ	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO03-01	ng/kg	0.5	52.9	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO04-01	ng/kg	0.2	37.7	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO05-01	ng/kg	1.3	7.2	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO06-01	ng/kg	1	4.8 J	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO07-01	ng/kg	0.6	344	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO08-01	ng/kg	0.3	26.6	3800	3800	430	430	258	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO01-01	ng/kg	0.5	1.2 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO02-01	ng/kg	0.3	ND	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO03-01	ng/kg	0.7	5.9	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO04-01	ng/kg	0.3	6	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO05-01	ng/kg	1.7	ND	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO06-01	ng/kg	1.3	ND	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO07-01	ng/kg	0.7	68.1	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO08-01	ng/kg	0.4	2.8 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO01-01	ng/kg	0.3	ND UJ	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO02-01	ng/kg	0.3	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO03-01	ng/kg	0.5	1.9 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO04-01	ng/kg	0.2	2.1 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO05-01	ng/kg	1.3	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO06-01	ng/kg	1.6	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO07-01	ng/kg	1	20.2	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO08-01	ng/kg	0.4	1.1 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO01-01	ng/kg	0.3	2.8 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO02-01	ng/kg	0.2	0.97 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO03-01	ng/kg	0.4	16	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO04-01	ng/kg	0.1	15.2 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO05-01	ng/kg	0.7	2.7 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO06-01	ng/kg	1.1	2.5 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO07-01	ng/kg	0.6	134	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO08-01	ng/kg	0.2	7.5	380	380	43	43	97.8	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO01-01	ng/kg	0.3	0.44 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO02-01	ng/kg	0.2	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO03-01	ng/kg	0.4	7.5 J	380	380	43	43	29.1	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO04-01	ng/kg	0.1	4.2 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO05-01	ng/kg	1	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO06-01	ng/kg	1.3	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO07-01	ng/kg	0.8	32	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO08-01	ng/kg	0.3	3.5 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO01-01	ng/kg	0.3	1.3 JB	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO02-01	ng/kg	0.2	0.49 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO03-01	ng/kg	0.4	6.9	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO04-01	ng/kg	0.1	6.7	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO05-01	ng/kg	0.6	1.5 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO06-01	ng/kg	1	1 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO07-01	ng/kg	0.5	56.3	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO08-01	ng/kg	0.2	3.4 J	380	380	43	43	41.2	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO01-01	ng/kg	0.3	0.5 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO02-01	ng/kg	0.2	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO03-01	ng/kg	0.5	4.6 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO04-01	ng/kg	0.1	5 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO05-01	ng/kg	1	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO06-01	ng/kg	1.3	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO07-01	ng/kg	0.8	51.1 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO08-01	ng/kg	0.3	9.5	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO01-01	ng/kg	0.4	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO02-01	ng/kg	0.3	ND	380	380	43	43	3.8	NS
[redacted]8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO03-01	ng/kg	0.6	3.3 J	380	380	43	43	3.8	NS
[redacted]8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO04-01	ng/kg	0.1	0.56 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO05-01	ng/kg	0.8	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO06-01	ng/kg	1.3	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO07-01	ng/kg	0.6	7.1	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO08-01	ng/kg	0.3	0.54 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO01-01	ng/kg	0.4	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO02-01	ng/kg	0.2	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO03-01	ng/kg	0.5	1.8 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO04-01	ng/kg	0.1	1.7 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO05-01	ng/kg	1	ND UJ	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO06-01	ng/kg	1.1	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO07-01	ng/kg	0.6	12.9 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO08-01	ng/kg	0.3	2.6 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO01-01	ng/kg	0.4	0.81 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO02-01	ng/kg	0.3	ND	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO03-01	ng/kg	0.4	28.4	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO04-01	ng/kg	0.1	2.4 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO05-01	ng/kg	1	ND	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO06-01	ng/kg	0.9	ND	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO07-01	ng/kg	0.4	21.3	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO08-01	ng/kg	0.2	1.9 J	760	760	86	86	30.6	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO01-01	ng/kg	0.3	2.6 BJ	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO02-01	ng/kg	0.2	1.1 BJ	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO03-01	ng/kg	0.5	15.1 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO04-01	ng/kg	0.1	16.6 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO05-01	ng/kg	0.8	2.9 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO06-01	ng/kg	1.2	2.2 J	380	380	43	43	101	NS
[redacted]8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO07-01	ng/kg	0.6	158	380	380	43	43	101	NS
[redacted]290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO08-01	ng/kg	0.3	8 J	380	380	43	43	101	NS

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO01-01	ng/kg	0.4	0.95 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO02-01	ng/kg	0.3	0.37 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO03-01	ng/kg	0.4	19.7	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO04-01	ng/kg	0.1	5.1	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO05-01	ng/kg	0.9	1.4 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO06-01	ng/kg	0.9	1.3 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO07-01	ng/kg	0.4	46.8	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO08-01	ng/kg	0.2	3 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO01-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO02-01	ng/kg	0.3	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO03-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO04-01	ng/kg	0.1	0.28 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO05-01	ng/kg	0.6	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO06-01	ng/kg	0.8	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO07-01	ng/kg	0.4	1.7	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO08-01	ng/kg	0.2	0.25 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO01-01	ng/kg	0.2	0.54 J	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO02-01	ng/kg	0.07	0.17 J	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO03-01	ng/kg	0.09	22.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO04-01	ng/kg	0.1	1.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO05-01	ng/kg	0.2	0.52 J	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO06-01	ng/kg	0.8	ND	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO07-01	ng/kg	0.7	14.6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO08-01	ng/kg	0.2	1.9	380	380	43	43	32.8	NS
SW8290	Total HpCDD	NA-ELEM-SO01-01	ng/kg	0.4	6.6	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO02-01	ng/kg	0.3	8.9	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO03-01	ng/kg	0.7	232	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO04-01	ng/kg	0.3	83.5	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO05-01	ng/kg	1.4	5.7	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO06-01	ng/kg	1.4	9.2	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO07-01	ng/kg	0.8	709	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-ELEM-SO08-01	ng/kg	0.4	90.4	.	.	.	.	488	NS
SW8290	Total HpCDF	NA-ELEM-SO01-01	ng/kg	0.4	9.4	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO02-01	ng/kg	0.3	5.6	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO03-01	ng/kg	0.6	153	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO04-01	ng/kg	0.2	71.4	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO05-01	ng/kg	1.5	9.6	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO06-01	ng/kg	1.2	6.6	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO07-01	ng/kg	0.6	700	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-ELEM-SO08-01	ng/kg	0.4	59.1	.	.	.	.	487	NS
SW8290	Total HxCDD	NA-ELEM-SO01-01	ng/kg	0.3	4.7	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO02-01	ng/kg	0.2	2.8	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO03-01	ng/kg	0.5	40.5	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO04-01	ng/kg	0.1	48.8	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO05-01	ng/kg	1.1	4.6	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO06-01	ng/kg	1.4	1.5	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO07-01	ng/kg	0.8	487	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-ELEM-SO08-01	ng/kg	0.3	42.7	.	.	.	.	362	NS
SW8290	Total HxCDF	NA-ELEM-SO01-01	ng/kg	0.3	13	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO02-01	ng/kg	0.2	3.8	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO03-01	ng/kg	0.5	123	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO04-01	ng/kg	0.1	84	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO05-01	ng/kg	0.7	14.2	.	.	.	.	535	NS

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Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total HxCDF	NA-ELEM-SO06-01	ng/kg	1.1	5.4	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO07-01	ng/kg	0.6	767	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-ELEM-SO08-01	ng/kg	0.2	44.8	.	.	.	.	535	NS
SW8290	Total PeCDD	NA-ELEM-SO01-01	ng/kg	0.4	0.68	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO02-01	ng/kg	0.2	0.61	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO03-01	ng/kg	0.5	9.9	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO04-01	ng/kg	0.1	17.2	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO05-01	ng/kg	1	2.8	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO06-01	ng/kg	1.1	2.9	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO07-01	ng/kg	0.6	160	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-ELEM-SO08-01	ng/kg	0.3	17.4	.	.	.	.	205	NS
SW8290	Total PeCDF	NA-ELEM-SO01-01	ng/kg	0.4	9.7	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO02-01	ng/kg	0.3	3.2	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO03-01	ng/kg	0.4	173	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO04-01	ng/kg	0.1	66.8	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO05-01	ng/kg	1	5.9	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO06-01	ng/kg	0.9	5.2	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO07-01	ng/kg	0.4	614	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-ELEM-SO08-01	ng/kg	0.2	42.2	.	.	.	.	608	NS
SW8290	Total TCDD	NA-ELEM-SO01-01	ng/kg	0.4	1.9	.	.	.	.	152	NS
SW8290	Total TCDD	NA-ELEM-SO02-01	ng/kg	0.3	0.48	.	.	.	.	152	NS
SW8290	Total TCDD	NA-ELEM-SO03-01	ng/kg	0.4	13.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-ELEM-SO04-01	ng/kg	0.1	16.6	.	.	.	.	152	NS
[redacted]8290	Total TCDD	NA-ELEM-SO05-01	ng/kg	0.6	5.4	.	.	.	.	152	NS
[redacted]8290	Total TCDD	NA-ELEM-SO06-01	ng/kg	0.8	1.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-ELEM-SO07-01	ng/kg	0.4	163	.	.	.	.	152	NS
SW8290	Total TCDD	NA-ELEM-SO08-01	ng/kg	0.2	14.4	.	.	.	.	152	NS
SW8290	Total TCDF	NA-ELEM-SO01-01	ng/kg	0.3	3.5	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO02-01	ng/kg	0.3	1.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO03-01	ng/kg	0.3	168	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO04-01	ng/kg	0.09	48.4	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO05-01	ng/kg	0.6	12.8	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO06-01	ng/kg	0.6	2	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO07-01	ng/kg	0.3	468	.	.	.	.	522	NS
SW8290	Total TCDF	NA-ELEM-SO08-01	ng/kg	0.1	37	.	.	.	.	522	NS
ILM04.0	Cyanide	NA-ELEM-SO01-01	mg/kg	0.25	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO02-01	mg/kg	0.25	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO03-01	mg/kg	0.27	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO04-01	mg/kg	0.3	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO05-01	mg/kg	0.26	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO06-01	mg/kg	0.22	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO07-01	mg/kg	0.48	ND	41000	4100	1600	160	1.08	NC
ILM04.0	Cyanide	NA-ELEM-SO08-01	mg/kg	0.36	ND	41000	4100	1600	160	1.08	NC
ILMO4.0	Aluminum	NA-ELEM-SO01-01	mg/kg	1.6	15500	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO02-01	mg/kg	1.8	10200	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO03-01	mg/kg	2.1	38100	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO04-01	mg/kg	1.9	24500	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO05-01	mg/kg	1.6	19000	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO06-01	mg/kg	1.6	15400	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO07-01	mg/kg	2.8	72600	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-ELEM-SO08-01	mg/kg	2.4	54100	2E+06	200000	78000	7800	74000	NS
[redacted]MO4.0	Antimony	NA-ELEM-SO01-01	mg/kg	0.41	0.46 J	820	82	31	3.1	2.4	NS
[redacted]O4.0	Antimony	NA-ELEM-SO02-01	mg/kg	0.46	ND UL	820	82	31	3.1	2.4	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Antimony	NA-ELEM-SO03-01	mg/kg	0.52	0.99 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-ELEM-SO04-01	mg/kg	0.47	0.49 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-ELEM-SO05-01	mg/kg	0.41	0.46 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-ELEM-SO06-01	mg/kg	0.4	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-ELEM-SO07-01	mg/kg	0.71	2.5 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-ELEM-SO08-01	mg/kg	0.59	1.5 J	820	82	31	3.1	2.4	NS
ILMO4.0	Arsenic	NA-ELEM-SO01-01	mg/kg	0.55	4.1	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO02-01	mg/kg	0.61	3.6	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO03-01	mg/kg	0.7	3.9	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO04-01	mg/kg	0.62	3.8	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO05-01	mg/kg	0.55	1.8	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO06-01	mg/kg	0.54	3.4	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO07-01	mg/kg	0.94	6.5	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-ELEM-SO08-01	mg/kg	0.78	3.1	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Barium	NA-ELEM-SO01-01	mg/kg	0.14	15.2 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO02-01	mg/kg	0.15	13.5 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO03-01	mg/kg	0.17	63.2 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO04-01	mg/kg	0.16	35 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO05-01	mg/kg	0.14	18.8 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO06-01	mg/kg	0.13	18.2 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO07-01	mg/kg	0.24	143 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-ELEM-SO08-01	mg/kg	0.2	80.4 K	140000	14000	5500	550	130	NS
ILMO4.0	Beryllium	NA-ELEM-SO01-01	mg/kg	0.14	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO02-01	mg/kg	0.15	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO03-01	mg/kg	0.17	0.24	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO04-01	mg/kg	0.16	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO05-01	mg/kg	0.14	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO06-01	mg/kg	0.13	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO07-01	mg/kg	0.24	0.35	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-ELEM-SO08-01	mg/kg	0.2	ND	4100	410	160	16	0.25	NS
ILMO4.0	Cadmium	NA-ELEM-SO01-01	mg/kg	0.14	0.23 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO02-01	mg/kg	0.15	0.16 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO03-01	mg/kg	0.17	0.59 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO04-01	mg/kg	0.16	0.38 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO05-01	mg/kg	0.14	0.25 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO06-01	mg/kg	0.13	0.23 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO07-01	mg/kg	0.24	1.3 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-ELEM-SO08-01	mg/kg	0.2	0.89 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Calcium	NA-ELEM-SO01-01	mg/kg	3.6	10600	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO02-01	mg/kg	4	9570	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO03-01	mg/kg	4.5	13700	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO04-01	mg/kg	4	10300	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO05-01	mg/kg	3.6	11400	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO06-01	mg/kg	3.5	14300	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO07-01	mg/kg	6.1	13100	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-ELEM-SO08-01	mg/kg	5.1	9890	.	.	.	.	15400	NS
ILMO4.0	Chromium	NA-ELEM-SO01-01	mg/kg	0.14	8	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO02-01	mg/kg	0.15	5.1	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO03-01	mg/kg	0.17	18	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO04-01	mg/kg	0.16	10.2	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO05-01	mg/kg	0.14	11.4	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO06-01	mg/kg	0.13	7.9	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-ELEM-SO07-01	mg/kg	0.24	51.4	10000	1000	390	39	39.9	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Chromium	NA-ELEM-SO08-01	mg/kg	0.2	26.7	10000	1000	390	39	39.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO01-01	mg/kg	0.14	6.2	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO02-01	mg/kg	0.15	3.1	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO03-01	mg/kg	0.17	14	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO04-01	mg/kg	0.16	7.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO05-01	mg/kg	0.14	8.1	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO06-01	mg/kg	0.13	5.5	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO07-01	mg/kg	0.24	27.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-ELEM-SO08-01	mg/kg	0.2	22.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Copper	NA-ELEM-SO01-01	mg/kg	0.14	20.9	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO02-01	mg/kg	0.15	7.1	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO03-01	mg/kg	0.17	67.5	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO04-01	mg/kg	0.16	26.7	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO05-01	mg/kg	0.14	29.1	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO06-01	mg/kg	0.13	15.6	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO07-01	mg/kg	0.24	152	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-ELEM-SO08-01	mg/kg	0.2	117	82000	8200	3100	310	134	NS
ILMO4.0	Iron	NA-ELEM-SO01-01	mg/kg	1.9	16400	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-ELEM-SO02-01	mg/kg	2.1	10000	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-ELEM-SO03-01	mg/kg	2.4	31700	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-ELEM-SO04-01	mg/kg	2.2	19600	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-ELEM-SO05-01	mg/kg	1.9	19800	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-ELEM-SO06-01	mg/kg	1.9	15400	610000	61000	23000	2300	60600	NS
[redacted]MO4.0	Iron	NA-ELEM-SO07-01	mg/kg	3.3	64100	610000	61000	23000	2300	60600	NS
[redacted]MO4.0	Iron	NA-ELEM-SO08-01	mg/kg	2.7	47400	610000	61000	23000	2300	60600	NS
ILMO4.0	Lead	NA-ELEM-SO01-01	mg/kg	0.27	3.1	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO02-01	mg/kg	0.3	3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO03-01	mg/kg	0.35	16	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO04-01	mg/kg	0.31	7.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO05-01	mg/kg	0.28	3.7	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO06-01	mg/kg	0.27	3.3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO07-01	mg/kg	0.47	61.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-ELEM-SO08-01	mg/kg	0.39	14.5	400	400	400	400	95.5	NS
ILMO4.0	Magnesium	NA-ELEM-SO01-01	mg/kg	1.2	5040	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO02-01	mg/kg	1.4	2140	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO03-01	mg/kg	1.6	6210	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO04-01	mg/kg	1.4	5480	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO05-01	mg/kg	1.2	7790	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO06-01	mg/kg	1.2	4240	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO07-01	mg/kg	2.1	9370	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-ELEM-SO08-01	mg/kg	1.8	9970	.	.	.	.	12400	NS
ILMO4.0	Manganese	NA-ELEM-SO01-01	mg/kg	0.14	255	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO02-01	mg/kg	0.15	162	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO03-01	mg/kg	0.17	592	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO04-01	mg/kg	0.16	360	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO05-01	mg/kg	0.14	294	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO06-01	mg/kg	0.13	218	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO07-01	mg/kg	0.24	1140	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-ELEM-SO08-01	mg/kg	0.2	871	41000	4100	1600	160	1050	NS
ILMO4.0	Mercury	NA-ELEM-SO01-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-ELEM-SO02-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
[redacted]MO4.0	Mercury	NA-ELEM-SO03-01	mg/kg	0.02	0.04	200	20	7.8	0.78	0.228	NS
[redacted]IO4.0	Mercury	NA-ELEM-SO04-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Mercury	NA-ELEM-SO05-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-ELEM-SO06-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-ELEM-SO07-01	mg/kg	0.03	0.13	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-ELEM-SO08-01	mg/kg	0.02	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Nickel	NA-ELEM-SO01-01	mg/kg	0.27	8.4	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO02-01	mg/kg	0.3	4.9	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO03-01	mg/kg	0.35	17.3	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO04-01	mg/kg	0.31	13.6	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO05-01	mg/kg	0.28	14.1	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO06-01	mg/kg	0.27	7.8	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO07-01	mg/kg	0.47	37.5	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-ELEM-SO08-01	mg/kg	0.39	29.1	41000	4100	1600	160	39.5	NS
ILMO4.0	Potassium	NA-ELEM-SO01-01	mg/kg	0.82	688	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO02-01	mg/kg	0.91	553	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO03-01	mg/kg	1	890	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO04-01	mg/kg	0.93	1060	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO05-01	mg/kg	0.83	640	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO06-01	mg/kg	0.81	612	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO07-01	mg/kg	1.4	1020	.	.	.	.	643	S
ILMO4.0	Potassium	NA-ELEM-SO08-01	mg/kg	1.2	554	.	.	.	.	643	S
ILMO4.0	Selenium	NA-ELEM-SO01-01	mg/kg	0.28	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO02-01	mg/kg	0.3	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO03-01	mg/kg	0.35	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO04-01	mg/kg	0.31	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO05-01	mg/kg	0.28	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO06-01	mg/kg	0.27	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO07-01	mg/kg	0.47	0.91 L	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-ELEM-SO08-01	mg/kg	0.39	0.51 L	10000	1000	390	39	0.794	NS
ILMO4.0	Silver	NA-ELEM-SO01-01	mg/kg	0.14	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO02-01	mg/kg	0.15	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO03-01	mg/kg	0.17	0.18	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO04-01	mg/kg	0.16	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO05-01	mg/kg	0.14	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO06-01	mg/kg	0.13	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO07-01	mg/kg	0.24	0.5	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-ELEM-SO08-01	mg/kg	0.2	0.28	10000	1000	390	39	0.61	NS
ILMO4.0	Sodium	NA-ELEM-SO01-01	mg/kg	13.7	821	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO02-01	mg/kg	15.2	601	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO03-01	mg/kg	17.4	613	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO04-01	mg/kg	15.5	1190	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO05-01	mg/kg	13.8	781	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO06-01	mg/kg	13.5	872	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO07-01	mg/kg	23.6	569	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-ELEM-SO08-01	mg/kg	19.6	1210	.	.	.	.	2430	NS
ILMO4.0	Thallium	NA-ELEM-SO01-01	mg/kg	0.55	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO02-01	mg/kg	0.61	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO03-01	mg/kg	0.7	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO04-01	mg/kg	0.62	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO05-01	mg/kg	0.55	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO06-01	mg/kg	0.54	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO07-01	mg/kg	0.94	1.6 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-ELEM-SO08-01	mg/kg	0.78	1.4 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Vanadium	NA-ELEM-SO01-01	mg/kg	0.14	47.4	14000	1400	550	55	268	NS

Appendix F-3
Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Vanadium	NA-ELEM-SO02-01	mg/kg	0.15	25.1	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO03-01	mg/kg	0.17	117	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO04-01	mg/kg	0.16	56.4	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO05-01	mg/kg	0.14	60.2	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO06-01	mg/kg	0.13	46	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO07-01	mg/kg	0.24	263	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-ELEM-SO08-01	mg/kg	0.2	192	14000	1400	550	55	268	NS
ILMO4.0	Zinc	NA-ELEM-SO01-01	mg/kg	0.14	30.9	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO02-01	mg/kg	0.15	22.2	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO03-01	mg/kg	0.17	66.6	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO04-01	mg/kg	0.16	51.5	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO05-01	mg/kg	0.14	37.4	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO06-01	mg/kg	0.13	30	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO07-01	mg/kg	0.24	274	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-ELEM-SO08-01	mg/kg	0.2	65.7	610000	61000	23000	2300	224	NS
300	Chloride	NA-ELEM-SO02-01	mg/kg	0.55	0.665	200000	20000	7800	780	5.16	NS
300	Chloride	NA-ELEM-SO04-01	mg/kg	0.63	8.17	200000	20000	7800	780	5.16	NS
300	Fluoride	NA-ELEM-SO02-01	mg/kg	0.27	ND	120000	12000	4700	470	0.763	NS
300	Fluoride	NA-ELEM-SO04-01	mg/kg	0.31	1.63	120000	12000	4700	470	0.763	NS
353.2	Nitrate	NA-ELEM-SO02-01	mg/kg	0.55	0.712	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-ELEM-SO04-01	mg/kg	1.27	16.3	3E+06	330000	130000	13000	15.5	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Com

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	4,4'-DDD	NA-ELEM-SO01-02	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO03-02	ug/kg	0.46	140 J	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO05-02	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-ELEM-SO07-02	ug/kg	0.34	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-ELEM-SO01-02	ug/kg	0.18	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO03-02	ug/kg	0.46	29 J	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO05-02	ug/kg	0.18	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-ELEM-SO07-02	ug/kg	0.34	14	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO01-02	ug/kg	0.18	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO03-02	ug/kg	0.46	64	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO05-02	ug/kg	0.18	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-ELEM-SO07-02	ug/kg	0.34	23	17000	17000	1900	1900	1.7	NS
OLM03.2	Aldrin	NA-ELEM-SO01-02	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO03-02	ug/kg	0.46	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO05-02	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-ELEM-SO07-02	ug/kg	0.34	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO01-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO03-02	ug/kg	0.46	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO05-02	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-ELEM-SO07-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO01-02	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO03-02	ug/kg	0.46	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO05-02	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-ELEM-SO07-02	ug/kg	0.34	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO01-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO03-02	ug/kg	0.46	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO05-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-ELEM-SO07-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO01-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan II	NA-ELEM-SO03-02	ug/kg	0.46	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO05-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-ELEM-SO07-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO01-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO03-02	ug/kg	0.46	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO05-02	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-ELEM-SO07-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-ELEM-SO01-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO03-02	ug/kg	0.46	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO05-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-ELEM-SO07-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO01-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO03-02	ug/kg	0.46	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO05-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-ELEM-SO07-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO01-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO03-02	ug/kg	0.46	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO05-02	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-ELEM-SO07-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO01-02	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO03-02	ug/kg	0.46	41	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO05-02	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-ELEM-SO07-02	ug/kg	0.34	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO01-02	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO03-02	ug/kg	0.46	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO05-02	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-ELEM-SO07-02	ug/kg	0.34	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO01-02	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO03-02	ug/kg	0.46	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO05-02	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-ELEM-SO07-02	ug/kg	0.34	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO01-02	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO03-02	ug/kg	0.46	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO05-02	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-ELEM-SO07-02	ug/kg	0.34	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO01-02	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO03-02	ug/kg	0.46	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO05-02	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-ELEM-SO07-02	ug/kg	0.34	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-ELEM-SO01-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-ELEM-SO03-02	ug/kg	4.6	370	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-ELEM-SO05-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-ELEM-SO07-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO01-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO03-02	ug/kg	0.46	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO05-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-ELEM-SO07-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO01-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO03-02	ug/kg	0.46	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO05-02	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-ELEM-SO07-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO01-02	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO03-02	ug/kg	0.46	ND	4400	4400	490	490	NC	NC

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO05-02	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-ELEM-SO07-02	ug/kg	0.34	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO01-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO03-02	ug/kg	4.6	420	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO05-02	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-ELEM-SO07-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-ELEM-SO01-02	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-ELEM-SO03-02	ug/kg	46	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-ELEM-SO05-02	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-ELEM-SO07-02	ug/kg	67	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO01-02	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO03-02	ug/kg	46	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO05-02	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-ELEM-SO07-02	ug/kg	67	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO01-02	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO03-02	ug/kg	46	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO05-02	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-ELEM-SO07-02	ug/kg	67	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO01-02	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO03-02	ug/kg	46	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO05-02	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-ELEM-SO07-02	ug/kg	67	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO01-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO03-02	ug/kg	46	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO05-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-ELEM-SO07-02	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO01-02	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO03-02	ug/kg	46	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO05-02	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-ELEM-SO07-02	ug/kg	67	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO01-02	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO03-02	ug/kg	46	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO05-02	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-ELEM-SO07-02	ug/kg	67	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO01-02	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO03-02	ug/kg	46	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO05-02	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,6-Dinitrotoluene	NA-ELEM-SO07-02	ug/kg	67	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO01-02	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO03-02	ug/kg	46	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO05-02	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-ELEM-SO07-02	ug/kg	67	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO01-02	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO03-02	ug/kg	46	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO05-02	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-ELEM-SO07-02	ug/kg	67	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO01-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO03-02	ug/kg	46	75	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO05-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-ELEM-SO07-02	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO01-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO03-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO05-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-ELEM-SO07-02	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO01-02	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO03-02	ug/kg	46	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO05-02	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-ELEM-SO07-02	ug/kg	67	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO01-02	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO03-02	ug/kg	46	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO05-02	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-ELEM-SO07-02	ug/kg	67	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO01-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO03-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO05-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-ELEM-SO07-02	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-ELEM-SO01-02	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-ELEM-SO03-02	ug/kg	46	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-ELEM-SO05-02	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-ELEM-SO07-02	ug/kg	67	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-ELEM-SO01-02	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-ELEM-SO03-02	ug/kg	46	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-ELEM-SO05-02	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-ELEM-SO07-02	ug/kg	67	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO01-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO03-02	ug/kg	46	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO05-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-ELEM-SO07-02	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO01-02	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO03-02	ug/kg	46	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO05-02	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-ELEM-SO07-02	ug/kg	67	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-ELEM-SO01-02	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-ELEM-SO03-02	ug/kg	46	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-ELEM-SO05-02	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-ELEM-SO07-02	ug/kg	67	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO01-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO03-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO05-02	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-ELEM-SO07-02	ug/kg	67	ND	120000	12000	4700	470	NC	NC

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	4-Nitrophenol	NA-ELEM-SO01-02	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO03-02	ug/kg	46	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO05-02	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-ELEM-SO07-02	ug/kg	67	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO01-02	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO03-02	ug/kg	46	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO05-02	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-ELEM-SO07-02	ug/kg	67	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO01-02	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO03-02	ug/kg	46	49	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO05-02	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-ELEM-SO07-02	ug/kg	67	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO01-02	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO03-02	ug/kg	46	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO05-02	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-ELEM-SO07-02	ug/kg	67	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO01-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO03-02	ug/kg	46	520	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO05-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-ELEM-SO07-02	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO01-02	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO03-02	ug/kg	46	670	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO05-02	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-ELEM-SO07-02	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO01-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO03-02	ug/kg	46	680	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO05-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-ELEM-SO07-02	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO01-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO03-02	ug/kg	46	680	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO05-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-ELEM-SO07-02	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO01-02	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO03-02	ug/kg	46	520	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO05-02	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-ELEM-SO07-02	ug/kg	67	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO01-02	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO03-02	ug/kg	46	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO05-02	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-ELEM-SO07-02	ug/kg	67	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO01-02	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO03-02	ug/kg	46	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO05-02	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-ELEM-SO07-02	ug/kg	67	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO01-02	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO03-02	ug/kg	46	570	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO05-02	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-ELEM-SO07-02	ug/kg	67	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO01-02	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO03-02	ug/kg	46	290	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO05-02	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-ELEM-SO07-02	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO01-02	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC

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Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenzofuran	NA-ELEM-SO03-02	ug/kg	46	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO05-02	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-ELEM-SO07-02	ug/kg	67	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-ELEM-SO01-02	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-ELEM-SO03-02	ug/kg	46	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-ELEM-SO05-02	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-ELEM-SO07-02	ug/kg	67	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO01-02	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO03-02	ug/kg	46	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO05-02	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-ELEM-SO07-02	ug/kg	67	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO01-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO03-02	ug/kg	46	450	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO05-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-ELEM-SO07-02	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO01-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO03-02	ug/kg	46	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO05-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-ELEM-SO07-02	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO01-02	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO03-02	ug/kg	46	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO05-02	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-ELEM-SO07-02	ug/kg	67	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO01-02	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO03-02	ug/kg	46	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO05-02	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-ELEM-SO07-02	ug/kg	67	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO01-02	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO03-02	ug/kg	46	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO05-02	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-ELEM-SO07-02	ug/kg	67	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO01-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO03-02	ug/kg	46	610	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO05-02	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-ELEM-SO07-02	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO01-02	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO03-02	ug/kg	46	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO05-02	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-ELEM-SO07-02	ug/kg	67	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-ELEM-SO01-02	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-ELEM-SO03-02	ug/kg	46	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-ELEM-SO05-02	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-ELEM-SO07-02	ug/kg	67	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO01-02	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO03-02	ug/kg	46	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO05-02	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-ELEM-SO07-02	ug/kg	67	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO01-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO03-02	ug/kg	46	ND	8E+07	8E+06	3E+06	310000	NC	NC

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Naphthalene	NA-ELEM-SO05-02	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-ELEM-SO07-02	ug/kg	67	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO01-02	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO03-02	ug/kg	46	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO05-02	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-ELEM-SO07-02	ug/kg	67	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO01-02	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO03-02	ug/kg	46	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO05-02	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-ELEM-SO07-02	ug/kg	67	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO01-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO03-02	ug/kg	46	61	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO05-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-ELEM-SO07-02	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO01-02	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO03-02	ug/kg	46	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO05-02	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-ELEM-SO07-02	ug/kg	67	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-ELEM-SO01-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-ELEM-SO03-02	ug/kg	46	560	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-ELEM-SO05-02	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-ELEM-SO07-02	ug/kg	67	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-ELEM-SO01-02	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-ELEM-SO03-02	ug/kg	46	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-ELEM-SO05-02	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-ELEM-SO07-02	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO01-02	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO03-02	ug/kg	46	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO05-02	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-ELEM-SO07-02	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO01-02	ug/kg	37	65	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO03-02	ug/kg	46	190	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO05-02	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-ELEM-SO07-02	ug/kg	67	95	410000	410000	46000	46000	NC	NC
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO01-02	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO03-02	ug/kg	46	470	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO05-02	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-ELEM-SO07-02	ug/kg	67	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO01-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO03-02	ug/kg	46	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO05-02	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-ELEM-SO07-02	ug/kg	67	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO01-02	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO03-02	ug/kg	46	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO05-02	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-ELEM-SO07-02	ug/kg	67	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO01-02	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO03-02	ug/kg	46	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO05-02	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-ELEM-SO07-02	ug/kg	67	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO01-02	ng/kg	0.6	57.1 J	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO03-02	ng/kg	0.8	5540 J	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO05-02	ng/kg	0.9	12.1	38000	38000	4300	4300	39.6	NS

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Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-ELEM-SO07-02	ng/kg	0.9	337	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO01-02	ng/kg	0.5	66.4	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO03-02	ng/kg	0.7	270	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO05-02	ng/kg	0.8	ND	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-ELEM-SO07-02	ng/kg	0.7	28.2	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO01-02	ng/kg	0.5	18.8 J	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO03-02	ng/kg	0.4	296	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO05-02	ng/kg	0.9	1.3 J	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-ELEM-SO07-02	ng/kg	0.7	45.6	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO01-02	ng/kg	0.3	43.4	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO03-02	ng/kg	0.2	66.7	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO05-02	ng/kg	0.7	1.2 J	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-ELEM-SO07-02	ng/kg	0.5	33.4	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO01-02	ng/kg	0.5	12.7	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO03-02	ng/kg	0.3	3.5 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO05-02	ng/kg	0.9	ND	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-ELEM-SO07-02	ng/kg	0.6	3.6 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO01-02	ng/kg	1.1	ND UJ	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO03-02	ng/kg	0.3	1.7 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO05-02	ng/kg	1	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-ELEM-SO07-02	ng/kg	0.7	1.3 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO01-02	ng/kg	0.4	21.7	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO03-02	ng/kg	0.2	4.9 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-ELEM-SO07-02	ng/kg	0.4	8.4	380	380	43	43	2.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO01-02	ng/kg	0.4	2.6 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO03-02	ng/kg	0.2	11.1	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO05-02	ng/kg	0.8	ND	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-ELEM-SO07-02	ng/kg	0.6	3.3 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO01-02	ng/kg	0.3	7.9	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO03-02	ng/kg	0.2	2.2 BJ	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-ELEM-SO07-02	ng/kg	0.3	3.7 J	380	380	43	43	1.1	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO01-02	ng/kg	0.4	2.9 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO03-02	ng/kg	0.2	8.8 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO05-02	ng/kg	0.8	ND	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-ELEM-SO07-02	ng/kg	0.6	6.8	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO01-02	ng/kg	0.5	2.1 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO03-02	ng/kg	0.2	0.33 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO05-02	ng/kg	0.7	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-ELEM-SO07-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO01-02	ng/kg	0.5	1.1 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO03-02	ng/kg	0.2	2.4 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO05-02	ng/kg	0.6	ND	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-ELEM-SO07-02	ng/kg	0.5	2.2 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO01-02	ng/kg	0.4	7.2	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO03-02	ng/kg	0.2	0.82 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-ELEM-SO07-02	ng/kg	0.3	2.4 J	760	760	86	86	0.8	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO01-02	ng/kg	0.4	10.8	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO03-02	ng/kg	0.2	4.7 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO05-02	ng/kg	0.7	ND	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-ELEM-SO07-02	ng/kg	0.4	7.2	380	380	43	43	2.2	NS

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO01-02	ng/kg	0.4	5 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO03-02	ng/kg	0.2	1.5 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-ELEM-SO07-02	ng/kg	0.3	3.8 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,7,8-TCDD	NA-ELEM-SO01-02	ng/kg	0.4	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-ELEM-SO03-02	ng/kg	0.2	0.51 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-ELEM-SO05-02	ng/kg	0.5	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-ELEM-SO07-02	ng/kg	0.2	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDF	NA-ELEM-SO01-02	ng/kg	0.4	4.9	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO03-02	ng/kg	0.1	0.96 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO05-02	ng/kg	0.5	ND	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-ELEM-SO07-02	ng/kg	0.2	3.1	380	380	43	43	0.99	NS
SW8290	Total HpCDD	NA-ELEM-SO01-02	ng/kg	0.5	36.1	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-ELEM-SO03-02	ng/kg	0.4	536	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-ELEM-SO05-02	ng/kg	0.9	1.5	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-ELEM-SO07-02	ng/kg	0.7	86.6	.	.	.	.	13.1	NS
SW8290	Total HpCDF	NA-ELEM-SO01-02	ng/kg	0.4	78.5	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-ELEM-SO03-02	ng/kg	0.3	247	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-ELEM-SO05-02	ng/kg	0.8	1.2	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-ELEM-SO07-02	ng/kg	0.5	70.5	.	.	.	.	10	NS
SW8290	Total HxCDD	NA-ELEM-SO01-02	ng/kg	0.4	25.2	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-ELEM-SO03-02	ng/kg	0.3	63.8	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-ELEM-SO05-02	ng/kg	0.8	ND	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-ELEM-SO07-02	ng/kg	0.6	41.6	.	.	.	.	19.1	NS
SW8290	Total HxCDF	NA-ELEM-SO01-02	ng/kg	0.4	78.4	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-ELEM-SO03-02	ng/kg	0.2	73	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-ELEM-SO07-02	ng/kg	0.4	44.7	.	.	.	.	11.5	NS
SW8290	Total PeCDD	NA-ELEM-SO01-02	ng/kg	0.5	10.7	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-ELEM-SO03-02	ng/kg	0.2	9	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-ELEM-SO05-02	ng/kg	0.6	ND	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-ELEM-SO07-02	ng/kg	0.5	13	.	.	.	.	4.9	NS
SW8290	Total PeCDF	NA-ELEM-SO01-02	ng/kg	0.4	57.5	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-ELEM-SO03-02	ng/kg	0.2	18.4	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-ELEM-SO05-02	ng/kg	0.6	ND	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-ELEM-SO07-02	ng/kg	0.3	48.2	.	.	.	.	12.1	NS
SW8290	Total TCDD	NA-ELEM-SO01-02	ng/kg	0.4	12.6	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-ELEM-SO03-02	ng/kg	0.2	9.9	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-ELEM-SO05-02	ng/kg	0.5	ND	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-ELEM-SO07-02	ng/kg	0.2	14.7	.	.	.	.	2.3	NS
SW8290	Total TCDF	NA-ELEM-SO01-02	ng/kg	0.4	32.6	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-ELEM-SO03-02	ng/kg	0.1	17.1	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-ELEM-SO05-02	ng/kg	0.5	ND	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-ELEM-SO07-02	ng/kg	0.2	40.7	.	.	.	.	13.3	NS
ILM04.0	Cyanide	NA-ELEM-SO01-02	mg/kg	0.26	ND	41000	4100	1600	160	0.39	NC
ILM04.0	Cyanide	NA-ELEM-SO03-02	mg/kg	0.34	ND	41000	4100	1600	160	0.39	NC
ILM04.0	Cyanide	NA-ELEM-SO05-02	mg/kg	0.27	ND	41000	4100	1600	160	0.39	NC
ILM04.0	Cyanide	NA-ELEM-SO07-02	mg/kg	0.47	ND	41000	4100	1600	160	0.39	NC
ILMO4.0	Aluminum	NA-ELEM-SO01-02	mg/kg	1.7	15000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-ELEM-SO03-02	mg/kg	2.1	52000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-ELEM-SO05-02	mg/kg	1.7	17000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-ELEM-SO07-02	mg/kg	3.1	91600	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Antimony	NA-ELEM-SO01-02	mg/kg	0.42	0.49 J	820	82	31	3.1	1.5	NS

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
ILMO4.0	Antimony	NA-ELEM-SO03-02	mg/kg	0.53	1.2 J	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-ELEM-SO05-02	mg/kg	0.44	ND UL	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-ELEM-SO07-02	mg/kg	0.77	2.2 J	820	82	31	3.1	1.5	NS
ILMO4.0	Arsenic	NA-ELEM-SO01-02	mg/kg	0.57	2.9	3.8	3.8	0.43	0.43	2.6	S
ILMO4.0	Arsenic	NA-ELEM-SO03-02	mg/kg	0.71	3.4	3.8	3.8	0.43	0.43	2.6	S
ILMO4.0	Arsenic	NA-ELEM-SO05-02	mg/kg	0.58	2.8	3.8	3.8	0.43	0.43	2.6	S
ILMO4.0	Arsenic	NA-ELEM-SO07-02	mg/kg	1	5.3	3.8	3.8	0.43	0.43	2.6	S
ILMO4.0	Barium	NA-ELEM-SO01-02	mg/kg	0.14	17.8 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-ELEM-SO03-02	mg/kg	0.18	101 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-ELEM-SO05-02	mg/kg	0.15	39.4 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-ELEM-SO07-02	mg/kg	0.26	68.9 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Beryllium	NA-ELEM-SO01-02	mg/kg	0.14	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-ELEM-SO03-02	mg/kg	0.18	0.27	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-ELEM-SO05-02	mg/kg	0.15	0.18	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-ELEM-SO07-02	mg/kg	0.26	0.36	4100	410	160	16	NC	NC
ILMO4.0	Cadmium	NA-ELEM-SO01-02	mg/kg	0.14	0.22 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-ELEM-SO03-02	mg/kg	0.18	0.9 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-ELEM-SO05-02	mg/kg	0.15	0.22 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-ELEM-SO07-02	mg/kg	0.26	1 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Calcium	NA-ELEM-SO01-02	mg/kg	3.7	7270	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-ELEM-SO03-02	mg/kg	4.6	10400	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-ELEM-SO05-02	mg/kg	3.8	20200	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-ELEM-SO07-02	mg/kg	6.7	5760	.	.	.	.	11600	NS
[illegible]O4.0	Chromium	NA-ELEM-SO01-02	mg/kg	0.14	8.9	10000	1000	390	39	30.8	NS
[illegible]MO4.0	Chromium	NA-ELEM-SO03-02	mg/kg	0.18	22.4	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-ELEM-SO05-02	mg/kg	0.15	6.8	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-ELEM-SO07-02	mg/kg	0.26	58.7	10000	1000	390	39	30.8	NS
ILMO4.0	Cobalt	NA-ELEM-SO01-02	mg/kg	0.14	6.8	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-ELEM-SO03-02	mg/kg	0.18	20.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-ELEM-SO05-02	mg/kg	0.15	4.5	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-ELEM-SO07-02	mg/kg	0.26	36.9	120000	12000	4700	470	25	NS
ILMO4.0	Copper	NA-ELEM-SO01-02	mg/kg	0.14	34.8	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-ELEM-SO03-02	mg/kg	0.18	99.8	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-ELEM-SO05-02	mg/kg	0.15	9.6	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-ELEM-SO07-02	mg/kg	0.26	183	82000	8200	3100	310	116	NS
ILMO4.0	Iron	NA-ELEM-SO01-02	mg/kg	2	16700	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-ELEM-SO03-02	mg/kg	2.5	43200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-ELEM-SO05-02	mg/kg	2	14200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-ELEM-SO07-02	mg/kg	3.6	80900	610000	61000	23000	2300	51800	NS
ILMO4.0	Lead	NA-ELEM-SO01-02	mg/kg	0.28	3.1	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-ELEM-SO03-02	mg/kg	0.35	25	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-ELEM-SO05-02	mg/kg	0.29	3.2	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-ELEM-SO07-02	mg/kg	0.51	31.9	400	400	400	400	8.7	NS
ILMO4.0	Magnesium	NA-ELEM-SO01-02	mg/kg	1.3	5220	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-ELEM-SO03-02	mg/kg	1.6	8280	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-ELEM-SO05-02	mg/kg	1.3	3490	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-ELEM-SO07-02	mg/kg	2.3	11800	.	.	.	.	12200	NS
ILMO4.0	Manganese	NA-ELEM-SO01-02	mg/kg	0.14	262	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-ELEM-SO03-02	mg/kg	0.18	862	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-ELEM-SO05-02	mg/kg	0.15	218	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-ELEM-SO07-02	mg/kg	0.26	1360	41000	4100	1600	160	890	NS
[illegible]MO4.0	Mercury	NA-ELEM-SO01-02	mg/kg	0.02	ND	200	20	7.8	0.78	0.04	NS
[illegible]O4.0	Mercury	NA-ELEM-SO03-02	mg/kg	0.02	0.06	200	20	7.8	0.78	0.04	NS

Appendix F-4
Elementary School - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Mercury	NA-ELEM-SO05-02	mg/kg	0.02	ND	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-ELEM-SO07-02	mg/kg	0.03	0.06	200	20	7.8	0.78	0.04	NS
ILMO4.0	Nickel	NA-ELEM-SO01-02	mg/kg	0.28	8.8	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-ELEM-SO03-02	mg/kg	0.35	24.5	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-ELEM-SO05-02	mg/kg	0.29	6.7	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-ELEM-SO07-02	mg/kg	0.51	46.9	41000	4100	1600	160	32.9	NS
ILMO4.0	Potassium	NA-ELEM-SO01-02	mg/kg	0.85	767	.	.	.	.	285	S
ILMO4.0	Potassium	NA-ELEM-SO03-02	mg/kg	1.1	678	.	.	.	.	285	S
ILMO4.0	Potassium	NA-ELEM-SO05-02	mg/kg	0.87	734	.	.	.	.	285	S
ILMO4.0	Potassium	NA-ELEM-SO07-02	mg/kg	1.5	520	.	.	.	.	285	S
ILMO4.0	Selenium	NA-ELEM-SO01-02	mg/kg	0.28	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-ELEM-SO03-02	mg/kg	0.35	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-ELEM-SO05-02	mg/kg	0.29	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-ELEM-SO07-02	mg/kg	0.51	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Silver	NA-ELEM-SO01-02	mg/kg	0.14	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-ELEM-SO03-02	mg/kg	0.18	0.27	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-ELEM-SO05-02	mg/kg	0.15	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-ELEM-SO07-02	mg/kg	0.26	0.47	10000	1000	390	39	NC	NC
ILMO4.0	Sodium	NA-ELEM-SO01-02	mg/kg	14.2	895	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-ELEM-SO03-02	mg/kg	17.7	816	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-ELEM-SO05-02	mg/kg	14.5	987	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-ELEM-SO07-02	mg/kg	25.6	530	.	.	.	.	2030	NS
ILMO4.0	Thallium	NA-ELEM-SO01-02	mg/kg	0.57	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-ELEM-SO03-02	mg/kg	0.71	1.1 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-ELEM-SO05-02	mg/kg	0.58	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-ELEM-SO07-02	mg/kg	1	3 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Vanadium	NA-ELEM-SO01-02	mg/kg	0.14	51.7	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-ELEM-SO03-02	mg/kg	0.18	166	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-ELEM-SO05-02	mg/kg	0.15	39.9	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-ELEM-SO07-02	mg/kg	0.26	359	14000	1400	550	55	219	NS
ILMO4.0	Zinc	NA-ELEM-SO01-02	mg/kg	0.14	32.2	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-ELEM-SO03-02	mg/kg	0.18	90.6	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-ELEM-SO05-02	mg/kg	0.15	27.3	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-ELEM-SO07-02	mg/kg	0.26	93.6	610000	61000	23000	2300	48.6	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-TOWR-SO01-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO02-01	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO03-01	ug/kg	0.29	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO04-01	ug/kg	0.24	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO05-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO06-01	ug/kg	0.35	4.4	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO07-01	ug/kg	0.18	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO08-01	ug/kg	0.27	15	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO09-01	ug/kg	0.25	8.8	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO10-01	ug/kg	0.27	6.5	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO11-01	ug/kg	0.19	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO12-01	ug/kg	0.27	8.5	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-TOWR-SO01-01	ug/kg	0.28	6.6	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO02-01	ug/kg	0.25	44	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO03-01	ug/kg	0.29	12	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO04-01	ug/kg	0.97	140	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO05-01	ug/kg	0.18	1.6	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO06-01	ug/kg	0.35	65	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO07-01	ug/kg	0.18	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO08-01	ug/kg	1.1	170	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO09-01	ug/kg	0.25	73	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO10-01	ug/kg	0.27	36	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO11-01	ug/kg	0.19	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO12-01	ug/kg	0.27	23	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO01-01	ug/kg	0.28	3.6	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO02-01	ug/kg	0.25	25 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO03-01	ug/kg	0.29	38	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO04-01	ug/kg	0.24	60	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO05-01	ug/kg	0.18	1.5	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO06-01	ug/kg	0.35	42	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO07-01	ug/kg	0.18	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO08-01	ug/kg	1.1	240	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO09-01	ug/kg	0.25	27	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO10-01	ug/kg	0.27	68	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO11-01	ug/kg	0.19	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO12-01	ug/kg	0.27	63	17000	17000	1900	1900	200	NS
OLM03.2	Aldrin	NA-TOWR-SO01-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO02-01	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO03-01	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO04-01	ug/kg	0.24	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO05-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO06-01	ug/kg	0.35	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO07-01	ug/kg	0.18	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO08-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO09-01	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO10-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO11-01	ug/kg	0.19	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO12-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1016	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1248	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO01-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO02-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO03-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO04-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO05-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO06-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO07-01	ug/kg	0.18	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO08-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO09-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO10-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO11-01	ug/kg	0.19	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO12-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO01-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO02-01	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO03-01	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO04-01	ug/kg	0.24	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO05-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO06-01	ug/kg	0.35	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO07-01	ug/kg	0.18	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO08-01	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO09-01	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO10-01	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO11-01	ug/kg	0.19	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO12-01	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO01-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO02-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO03-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	Endosulfan I	NA-TOWR-SO04-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO06-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO08-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO09-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO10-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO11-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO12-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO01-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO02-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO03-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO04-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO06-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO08-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO09-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO10-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO11-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO12-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO01-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO02-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO03-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO04-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO06-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO08-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO09-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO10-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO11-01	ug/kg	0.19	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO12-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-TOWR-SO01-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO02-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO03-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO04-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO06-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO08-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO09-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO10-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO11-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO12-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO01-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO02-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO03-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO04-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endrin aldehyde	NA-TOWR-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO06-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO08-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO09-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO10-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO11-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO12-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO01-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO02-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO03-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO04-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO05-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO06-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO07-01	ug/kg	0.18	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO08-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO09-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO10-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO11-01	ug/kg	0.19	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO12-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO01-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO02-01	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO03-01	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO04-01	ug/kg	0.24	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO05-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO06-01	ug/kg	0.35	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO07-01	ug/kg	0.18	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO08-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO09-01	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO10-01	ug/kg	0.27	0.88	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO11-01	ug/kg	0.19	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO12-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO01-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO02-01	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO03-01	ug/kg	0.29	1.4	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO04-01	ug/kg	0.24	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO05-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO06-01	ug/kg	0.35	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO07-01	ug/kg	0.18	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO08-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO09-01	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO10-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO11-01	ug/kg	0.19	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO12-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO01-01	ug/kg	0.28	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO02-01	ug/kg	0.25	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO03-01	ug/kg	0.29	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO04-01	ug/kg	0.24	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO05-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	Methoxychlor	NA-TOWR-SO06-01	ug/kg	0.35	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO07-01	ug/kg	0.18	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO08-01	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO09-01	ug/kg	0.25	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO10-01	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO11-01	ug/kg	0.19	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO12-01	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO01-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO02-01	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO03-01	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO04-01	ug/kg	0.24	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO05-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO06-01	ug/kg	0.35	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO07-01	ug/kg	0.18	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO08-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO09-01	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO10-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO11-01	ug/kg	0.19	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO12-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO01-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO02-01	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO03-01	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO04-01	ug/kg	0.24	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO05-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO06-01	ug/kg	0.35	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO07-01	ug/kg	0.18	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO08-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO09-01	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO10-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO11-01	ug/kg	0.19	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO12-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-TOWR-SO01-01	ug/kg	0.28	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO02-01	ug/kg	0.25	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO03-01	ug/kg	0.29	3.8 J	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO04-01	ug/kg	0.24	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO05-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO06-01	ug/kg	0.35	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO07-01	ug/kg	0.18	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO08-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO09-01	ug/kg	0.25	2	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO10-01	ug/kg	0.27	7.8	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO11-01	ug/kg	0.19	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TOWR-SO12-01	ug/kg	0.27	2.8 J	16000	16000	1800	1800	0.87	NS
OLM03.2	beta-BHC	NA-TOWR-SO01-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO02-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO03-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO04-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO05-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO06-01	ug/kg	0.35	ND	3200	3200	350	350	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLM03.2	beta-BHC	NA-TOWR-SO07-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO08-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO09-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO10-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO11-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO12-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO01-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO02-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO03-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO04-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO05-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO06-01	ug/kg	0.35	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO07-01	ug/kg	0.18	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO08-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO09-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO10-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO11-01	ug/kg	0.19	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO12-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO01-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO02-01	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO03-01	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO04-01	ug/kg	0.24	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO05-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO06-01	ug/kg	0.35	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO07-01	ug/kg	0.18	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO08-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO09-01	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO10-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO11-01	ug/kg	0.19	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO12-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO01-01	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO02-01	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO03-01	ug/kg	0.29	2.9	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO04-01	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO05-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO06-01	ug/kg	0.35	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO07-01	ug/kg	0.18	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO08-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO09-01	ug/kg	0.25	2.3	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO10-01	ug/kg	0.27	8.2	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO11-01	ug/kg	0.19	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO12-01	ug/kg	0.27	2.9 J	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	2E+07	2E+06	780000	78000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO01-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO02-01	ug/kg	51	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO03-01	ug/kg	58	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO04-01	ug/kg	48	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO05-01	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO06-01	ug/kg	69	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO07-01	ug/kg	36	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO08-01	ug/kg	54	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO09-01	ug/kg	50	ND	82000	82000	9100	9100	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO10-01	ug/kg	54	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO11-01	ug/kg	37	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-	NA-TOWR-SO12-01	ug/kg	54	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO01-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO02-01	ug/kg	51	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO03-01	ug/kg	58	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO04-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO05-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO06-01	ug/kg	69	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO07-01	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO09-01	ug/kg	50	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO11-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO12-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO01-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO02-01	ug/kg	51	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO03-01	ug/kg	58	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO04-01	ug/kg	48	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO05-01	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO06-01	ug/kg	69	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO07-01	ug/kg	36	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO09-01	ug/kg	50	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO11-01	ug/kg	37	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO12-01	ug/kg	54	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO01-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO02-01	ug/kg	51	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO03-01	ug/kg	58	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO04-01	ug/kg	48	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO05-01	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO06-01	ug/kg	69	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO07-01	ug/kg	36	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO09-01	ug/kg	50	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO11-01	ug/kg	37	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO12-01	ug/kg	54	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO01-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO02-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO03-01	ug/kg	58	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO04-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO05-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO06-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO09-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO11-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO12-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO01-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO02-01	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO03-01	ug/kg	58	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO04-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO05-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO06-01	ug/kg	69	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO07-01	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO09-01	ug/kg	50	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO11-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO12-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO01-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO02-01	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO03-01	ug/kg	58	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO04-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO05-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO06-01	ug/kg	69	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO07-01	ug/kg	36	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO09-01	ug/kg	50	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO11-01	ug/kg	37	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO12-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO01-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO02-01	ug/kg	51	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO03-01	ug/kg	58	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO04-01	ug/kg	48	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO05-01	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO06-01	ug/kg	69	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO07-01	ug/kg	36	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO09-01	ug/kg	50	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO11-01	ug/kg	37	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO12-01	ug/kg	54	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO01-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO02-01	ug/kg	51	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO03-01	ug/kg	58	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO04-01	ug/kg	48	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO05-01	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO06-01	ug/kg	69	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO07-01	ug/kg	36	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO09-01	ug/kg	50	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO11-01	ug/kg	37	ND	2E+08	2E+07	6E+06	630000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO12-01	ug/kg	54	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO01-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO02-01	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO03-01	ug/kg	58	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO04-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO05-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO06-01	ug/kg	69	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO07-01	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO09-01	ug/kg	50	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO11-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO12-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO01-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO02-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO03-01	ug/kg	58	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO04-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO05-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO06-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO09-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO11-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO12-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO01-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO02-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO03-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO04-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO05-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO06-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO08-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO09-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO10-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO11-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO12-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO01-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO02-01	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO03-01	ug/kg	58	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO04-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO05-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO06-01	ug/kg	69	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO07-01	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO09-01	ug/kg	50	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO11-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO12-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO01-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO02-01	ug/kg	51	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO03-01	ug/kg	58	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO04-01	ug/kg	48	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO05-01	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO06-01	ug/kg	69	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO07-01	ug/kg	36	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO08-01	ug/kg	54	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO09-01	ug/kg	50	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO10-01	ug/kg	54	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO11-01	ug/kg	37	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO12-01	ug/kg	54	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO01-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO02-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO03-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO04-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO05-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO06-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO08-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO09-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO10-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO11-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO12-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO01-01	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO02-01	ug/kg	51	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO03-01	ug/kg	58	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO04-01	ug/kg	48	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO05-01	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO06-01	ug/kg	69	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO07-01	ug/kg	36	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO09-01	ug/kg	50	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO11-01	ug/kg	37	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO12-01	ug/kg	54	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO01-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO02-01	ug/kg	51	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO03-01	ug/kg	58	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO04-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO05-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO06-01	ug/kg	69	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO09-01	ug/kg	50	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO11-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO12-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO01-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO02-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO03-01	ug/kg	58	ND	4E+07	4E+06	2E+06	160000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO04-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO05-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO06-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO09-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO11-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO12-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO01-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO02-01	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO03-01	ug/kg	58	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO04-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO05-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO06-01	ug/kg	69	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO07-01	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO08-01	ug/kg	54	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO09-01	ug/kg	50	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO11-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO12-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO01-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO02-01	ug/kg	51	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO03-01	ug/kg	58	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO04-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO05-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO06-01	ug/kg	69	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO09-01	ug/kg	50	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO11-01	ug/kg	37	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO12-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO01-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO02-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO03-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO04-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO05-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO06-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO07-01	ug/kg	36	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO08-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO09-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO10-01	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO11-01	ug/kg	37	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO12-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO01-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO02-01	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO03-01	ug/kg	58	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO04-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO05-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	4-Nitrophenol	NA-TOWR-SO06-01	ug/kg	69	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO07-01	ug/kg	36	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO09-01	ug/kg	50	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO11-01	ug/kg	37	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO12-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO01-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO02-01	ug/kg	51	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO03-01	ug/kg	58	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO04-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO05-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO06-01	ug/kg	69	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO09-01	ug/kg	50	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO11-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO12-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO01-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO02-01	ug/kg	51	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO03-01	ug/kg	58	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO04-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO05-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO06-01	ug/kg	69	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO07-01	ug/kg	36	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO09-01	ug/kg	50	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO11-01	ug/kg	37	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO12-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO01-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO02-01	ug/kg	51	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO03-01	ug/kg	58	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO04-01	ug/kg	48	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO05-01	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO06-01	ug/kg	69	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO07-01	ug/kg	36	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO09-01	ug/kg	50	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO11-01	ug/kg	37	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO12-01	ug/kg	54	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO01-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO02-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO03-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO04-01	ug/kg	48	140	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO05-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO06-01	ug/kg	69	ND	7800	7800	870	870	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO09-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO11-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO12-01	ug/kg	54	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO01-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO02-01	ug/kg	51	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO03-01	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO04-01	ug/kg	48	230	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO05-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO06-01	ug/kg	69	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO07-01	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO09-01	ug/kg	50	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO11-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO12-01	ug/kg	54	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO01-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO02-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO03-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO04-01	ug/kg	48	180	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO05-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO06-01	ug/kg	69	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO09-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO11-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO12-01	ug/kg	54	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO01-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO02-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO03-01	ug/kg	58	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO04-01	ug/kg	48	170	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO05-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO06-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO09-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO11-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO12-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO01-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO02-01	ug/kg	51	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO03-01	ug/kg	58	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO04-01	ug/kg	48	200	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO05-01	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO06-01	ug/kg	69	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO07-01	ug/kg	36	ND	78000	78000	8700	8700	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO09-01	ug/kg	50	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO11-01	ug/kg	37	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO12-01	ug/kg	54	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO01-01	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO02-01	ug/kg	51	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO03-01	ug/kg	58	90	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO04-01	ug/kg	48	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO05-01	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO06-01	ug/kg	69	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO07-01	ug/kg	36	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO09-01	ug/kg	50	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO11-01	ug/kg	37	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO12-01	ug/kg	54	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Carbazole	NA-TOWR-SO01-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO02-01	ug/kg	51	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO03-01	ug/kg	58	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO04-01	ug/kg	48	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO05-01	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO06-01	ug/kg	69	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO07-01	ug/kg	36	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO08-01	ug/kg	54	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO09-01	ug/kg	50	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO10-01	ug/kg	54	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO11-01	ug/kg	37	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO12-01	ug/kg	54	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO01-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO02-01	ug/kg	51	51	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO03-01	ug/kg	58	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO04-01	ug/kg	48	170	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO05-01	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO06-01	ug/kg	69	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO07-01	ug/kg	36	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO09-01	ug/kg	50	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO11-01	ug/kg	37	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO12-01	ug/kg	54	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO01-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO02-01	ug/kg	51	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO03-01	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO04-01	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO05-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO06-01	ug/kg	69	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO07-01	ug/kg	36	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	780	780	87	87	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO09-01	ug/kg	50	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO11-01	ug/kg	37	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO12-01	ug/kg	54	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO01-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO02-01	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO03-01	ug/kg	58	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO04-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO05-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO06-01	ug/kg	69	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO07-01	ug/kg	36	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO08-01	ug/kg	54	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO09-01	ug/kg	50	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO11-01	ug/kg	37	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO12-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-TOWR-SO01-01	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO02-01	ug/kg	51	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO03-01	ug/kg	58	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO04-01	ug/kg	48	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO05-01	ug/kg	37	ND	2E+09	2E+08	6E+07	6E+06	194	NS
[illegible]MO3.2	Diethylphthalate	NA-TOWR-SO06-01	ug/kg	69	77	2E+09	2E+08	6E+07	6E+06	194	NS
[illegible]MO3.2	Diethylphthalate	NA-TOWR-SO07-01	ug/kg	36	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO09-01	ug/kg	50	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO11-01	ug/kg	37	110	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Diethylphthalate	NA-TOWR-SO12-01	ug/kg	54	ND	2E+09	2E+08	6E+07	6E+06	194	NS
OLMO3.2	Dimethylphthalate	NA-TOWR-SO01-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO02-01	ug/kg	51	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO03-01	ug/kg	58	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO04-01	ug/kg	48	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO05-01	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO06-01	ug/kg	69	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO07-01	ug/kg	36	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO09-01	ug/kg	50	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO10-01	ug/kg	54	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO11-01	ug/kg	37	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO12-01	ug/kg	54	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-TOWR-SO01-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO02-01	ug/kg	51	56	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO03-01	ug/kg	58	72	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO04-01	ug/kg	48	110	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO05-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO06-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	60	NS
[illegible]MO3.2	Fluoranthene	NA-TOWR-SO08-01	ug/kg	54	65 J	8E+07	8E+06	3E+06	310000	60	NS
[illegible]MO3.2	Fluoranthene	NA-TOWR-SO09-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	60	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	Fluoranthene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO11-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TOWR-SO12-01	ug/kg	54	55	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluorene	NA-TOWR-SO01-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO02-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO03-01	ug/kg	58	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO04-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO05-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO06-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO09-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO11-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO12-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO01-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO02-01	ug/kg	51	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO03-01	ug/kg	58	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO04-01	ug/kg	48	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO05-01	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO06-01	ug/kg	69	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO07-01	ug/kg	36	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO09-01	ug/kg	50	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO11-01	ug/kg	37	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO12-01	ug/kg	54	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO01-01	ug/kg	56	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO02-01	ug/kg	51	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO03-01	ug/kg	58	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO04-01	ug/kg	48	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO05-01	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO06-01	ug/kg	69	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO07-01	ug/kg	36	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO09-01	ug/kg	50	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+07	1E+06	550000	55000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO11-01	ug/kg	37	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO12-01	ug/kg	54	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO01-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO02-01	ug/kg	51	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO03-01	ug/kg	58	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO04-01	ug/kg	48	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO05-01	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO06-01	ug/kg	69	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO07-01	ug/kg	36	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO08-01	ug/kg	54	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO09-01	ug/kg	50	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO10-01	ug/kg	54	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO11-01	ug/kg	37	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO12-01	ug/kg	54	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO01-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO02-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO03-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO04-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO05-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO06-01	ug/kg	69	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO07-01	ug/kg	36	ND	7800	7800	870	870	NC	NC
[redacted]MO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
[redacted]MO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO09-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO11-01	ug/kg	37	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO12-01	ug/kg	54	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO01-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO02-01	ug/kg	51	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO03-01	ug/kg	58	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO04-01	ug/kg	48	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO05-01	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO06-01	ug/kg	69	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO07-01	ug/kg	36	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO09-01	ug/kg	50	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO11-01	ug/kg	37	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO12-01	ug/kg	54	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO01-01	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO02-01	ug/kg	51	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO03-01	ug/kg	58	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO04-01	ug/kg	48	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO05-01	ug/kg	37	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO06-01	ug/kg	69	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO07-01	ug/kg	36	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO08-01	ug/kg	54	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO09-01	ug/kg	50	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO10-01	ug/kg	54	ND UJ	820	820	91	91	NC	NC
[redacted]MO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO11-01	ug/kg	37	ND	820	820	91	91	NC	NC
[redacted]MO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO12-01	ug/kg	54	ND	820	820	91	91	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO01-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO02-01	ug/kg	51	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO03-01	ug/kg	58	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO04-01	ug/kg	48	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO05-01	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO06-01	ug/kg	69	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO07-01	ug/kg	36	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO09-01	ug/kg	50	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO11-01	ug/kg	37	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO12-01	ug/kg	54	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO01-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO02-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO03-01	ug/kg	58	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO04-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO05-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO06-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO07-01	ug/kg	36	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO09-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO11-01	ug/kg	37	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO12-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO01-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO02-01	ug/kg	51	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO03-01	ug/kg	58	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO04-01	ug/kg	48	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO05-01	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO06-01	ug/kg	69	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO07-01	ug/kg	36	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO09-01	ug/kg	50	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO11-01	ug/kg	37	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO12-01	ug/kg	54	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO01-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO02-01	ug/kg	51	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO03-01	ug/kg	58	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO04-01	ug/kg	48	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO05-01	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO06-01	ug/kg	69	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO07-01	ug/kg	36	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO09-01	ug/kg	50	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO11-01	ug/kg	37	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO12-01	ug/kg	54	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO01-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Phenanthrene	NA-TOWR-SO02-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO03-01	ug/kg	58	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO04-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO05-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO06-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO08-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO09-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO11-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO12-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO01-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO02-01	ug/kg	51	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO03-01	ug/kg	58	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO04-01	ug/kg	48	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO05-01	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO06-01	ug/kg	69	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO07-01	ug/kg	36	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO09-01	ug/kg	50	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO11-01	ug/kg	37	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO12-01	ug/kg	54	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-TOWR-SO01-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO02-01	ug/kg	51	57	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO03-01	ug/kg	58	64	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO04-01	ug/kg	48	160	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO05-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO06-01	ug/kg	69	83	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO07-01	ug/kg	36	ND	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO08-01	ug/kg	54	64 J	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO09-01	ug/kg	50	56	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO10-01	ug/kg	54	ND UJ	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO11-01	ug/kg	37	ND	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	Pyrene	NA-TOWR-SO12-01	ug/kg	54	58	6E+07	6E+06	2E+06	230000	70	NS
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO01-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO02-01	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO03-01	ug/kg	58	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO04-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO05-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO06-01	ug/kg	69	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO07-01	ug/kg	36	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO08-01	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO09-01	ug/kg	50	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO10-01	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO11-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO12-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO01-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO02-01	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO03-01	ug/kg	58	ND	5200	5200	580	580	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO04-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO05-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO06-01	ug/kg	69	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO07-01	ug/kg	36	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO08-01	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO09-01	ug/kg	50	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO10-01	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO11-01	ug/kg	37	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO12-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO01-01	ug/kg	56	130	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO02-01	ug/kg	51	200	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO03-01	ug/kg	58	490	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO04-01	ug/kg	48	760	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO05-01	ug/kg	37	330	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO06-01	ug/kg	69	120	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO07-01	ug/kg	36	78	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO08-01	ug/kg	54	300 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO09-01	ug/kg	50	150	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO10-01	ug/kg	54	580 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO11-01	ug/kg	37	56	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO12-01	ug/kg	54	94	410000	410000	46000	46000	785	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO01-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO02-01	ug/kg	51	83	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO03-01	ug/kg	58	200	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO04-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO05-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO06-01	ug/kg	69	190	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO07-01	ug/kg	36	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO08-01	ug/kg	54	ND UJ	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO09-01	ug/kg	50	58	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO10-01	ug/kg	54	66	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO11-01	ug/kg	37	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO12-01	ug/kg	54	78	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO01-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO02-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO03-01	ug/kg	58	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO04-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO05-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO06-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO07-01	ug/kg	36	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO08-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO09-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO10-01	ug/kg	54	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO11-01	ug/kg	37	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO12-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO01-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO02-01	ug/kg	51	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO03-01	ug/kg	58	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO04-01	ug/kg	48	ND	1E+08	1E+07	4E+06	390000	NC	NC

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	o-Cresol	NA-TOWR-SO05-01	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO06-01	ug/kg	69	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO07-01	ug/kg	36	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO09-01	ug/kg	50	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO11-01	ug/kg	37	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO12-01	ug/kg	54	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO01-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO02-01	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO03-01	ug/kg	58	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO04-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO05-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO06-01	ug/kg	69	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO07-01	ug/kg	36	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO08-01	ug/kg	54	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO09-01	ug/kg	50	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO10-01	ug/kg	54	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO11-01	ug/kg	37	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO12-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO01-01	ng/kg	0.7	99.8	38000	38000	4300	4300	1180	NS
[redacted]8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO02-01	ng/kg	0.9	865	38000	38000	4300	4300	1180	NS
[redacted]8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO03-01	ng/kg	2.7	2410	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO04-01	ng/kg	1.8	264	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO05-01	ng/kg	0.2	74.2	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO06-01	ng/kg	0.09	3180	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO07-01	ng/kg	0.3	13	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO08-01	ng/kg	1.5	563	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO09-01	ng/kg	0.9	251	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO10-01	ng/kg	5.2	1110	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO11-01	ng/kg	0.2	11.3	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO12-01	ng/kg	2.5	1050	38000	38000	4300	4300	1180	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO01-01	ng/kg	0.5	19.9	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO02-01	ng/kg	0.6	119	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO03-01	ng/kg	2	555	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO04-01	ng/kg	1.3	39.8	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO05-01	ng/kg	0.1	16.3	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO06-01	ng/kg	0.07	215	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO07-01	ng/kg	0.3	1.8 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO08-01	ng/kg	1.3	48.9	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO09-01	ng/kg	0.8	31.6	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO10-01	ng/kg	3.9	110	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO11-01	ng/kg	0.2	3.6 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO12-01	ng/kg	1.8	69	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO01-01	ng/kg	0.4	22.6	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO02-01	ng/kg	0.6	144	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO03-01	ng/kg	1.2	423	3800	3800	430	430	235	NS
[redacted]8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO04-01	ng/kg	0.9	31.1	3800	3800	430	430	235	NS
[redacted]8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO05-01	ng/kg	0.1	22.4 J	3800	3800	430	430	235	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO06-01	ng/kg	0.06	126	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO07-01	ng/kg	0.3	2.3 J	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO08-01	ng/kg	1.3	43.7	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO09-01	ng/kg	0.7	33.2	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO10-01	ng/kg	1.8	73.6	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO11-01	ng/kg	0.2	1.8 J	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO12-01	ng/kg	1.1	58.3	3800	3800	430	430	235	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO01-01	ng/kg	0.3	21.3	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO02-01	ng/kg	0.4	134	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO03-01	ng/kg	0.9	330	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO04-01	ng/kg	0.7	21.2	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO05-01	ng/kg	0.09	25.6	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO06-01	ng/kg	0.04	85.8	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO07-01	ng/kg	0.2	2.6 J	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO08-01	ng/kg	0.9	28.5	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO09-01	ng/kg	0.5	26.2	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO10-01	ng/kg	1	39.3	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO11-01	ng/kg	0.2	3.1 J	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO12-01	ng/kg	0.6	27.1	3800	3800	430	430	258	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO01-01	ng/kg	0.5	5.1	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO02-01	ng/kg	0.6	22.5	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO03-01	ng/kg	1.3	65.9	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO04-01	ng/kg	1	2.2 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO05-01	ng/kg	0.1	3.7 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO06-01	ng/kg	0.06	20.7	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO07-01	ng/kg	0.3	0.6 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO08-01	ng/kg	1.1	3.8 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO09-01	ng/kg	0.6	4.8 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO10-01	ng/kg	1.4	5.6	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO11-01	ng/kg	0.2	0.97 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO12-01	ng/kg	0.9	3.2 J	3800	3800	430	430	41.9	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO01-01	ng/kg	0.4	1 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO02-01	ng/kg	0.5	5.7 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO03-01	ng/kg	1	17.6 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO04-01	ng/kg	0.5	1 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO05-01	ng/kg	0.2	1.3 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO06-01	ng/kg	0.06	2 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO07-01	ng/kg	0.3	ND J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO08-01	ng/kg	1.3	ND J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO09-01	ng/kg	0.7	1.3 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO10-01	ng/kg	1	3.2 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO11-01	ng/kg	0.2	ND	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO12-01	ng/kg	0.6	1.3 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO01-01	ng/kg	0.3	9.8 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO02-01	ng/kg	0.5	63.4 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO03-01	ng/kg	0.8	140 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO04-01	ng/kg	0.4	7.3 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO05-01	ng/kg	0.1	12	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO06-01	ng/kg	0.03	18.4	380	380	43	43	97.8	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO07-01	ng/kg	0.2	1 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO08-01	ng/kg	0.8	8.1	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO09-01	ng/kg	0.5	11.4	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO10-01	ng/kg	0.5	8.2 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO11-01	ng/kg	0.2	1.4 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO12-01	ng/kg	0.3	4.2 J	380	380	43	43	97.8	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO01-01	ng/kg	0.3	3.7 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO02-01	ng/kg	0.4	14 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO03-01	ng/kg	0.9	39.9 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO04-01	ng/kg	0.4	2.6 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO05-01	ng/kg	0.2	3 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO06-01	ng/kg	0.06	6.4	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO07-01	ng/kg	0.3	0.32 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO08-01	ng/kg	1.1	3.1 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO09-01	ng/kg	0.6	3.1 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO10-01	ng/kg	1	5.9	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO11-01	ng/kg	0.2	ND	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO12-01	ng/kg	0.6	3.5 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO01-01	ng/kg	0.3	3.8 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO02-01	ng/kg	0.4	26.3	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO03-01	ng/kg	0.7	60.6	380	380	43	43	41.2	NS
[illegible]8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO04-01	ng/kg	0.4	3 J	380	380	43	43	41.2	NS
[illegible]8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO05-01	ng/kg	0.1	5.5	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO06-01	ng/kg	0.03	5.8	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO07-01	ng/kg	0.2	0.62 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO08-01	ng/kg	0.7	3.6 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO09-01	ng/kg	0.4	5.3	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO10-01	ng/kg	0.5	4.1 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO11-01	ng/kg	0.2	0.65 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO12-01	ng/kg	0.3	1.7 J	380	380	43	43	41.2	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO01-01	ng/kg	0.3	11.1 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO02-01	ng/kg	0.5	14.4 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO03-01	ng/kg	0.9	46.2 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO04-01	ng/kg	0.5	2.8 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO05-01	ng/kg	0.1	4.7 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO06-01	ng/kg	0.05	9.1 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO07-01	ng/kg	0.2	0.44 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO08-01	ng/kg	1.1	4.2 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO09-01	ng/kg	0.6	6.5	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO10-01	ng/kg	0.9	9.2	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO11-01	ng/kg	0.2	ND	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO12-01	ng/kg	0.6	4.4 J	380	380	43	43	35.9	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO01-01	ng/kg	0.4	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO02-01	ng/kg	0.5	2.1 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO03-01	ng/kg	0.9	6.4 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO04-01	ng/kg	0.5	0.9 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO05-01	ng/kg	0.1	0.56 J	380	380	43	43	3.8	NS
[illegible]8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO06-01	ng/kg	0.04	0.81 J	380	380	43	43	3.8	NS
[illegible]8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO07-01	ng/kg	0.2	ND	380	380	43	43	3.8	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO08-01	ng/kg	0.9	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO09-01	ng/kg	0.5	0.59 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO10-01	ng/kg	0.7	2.1 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO11-01	ng/kg	0.2	ND	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO12-01	ng/kg	0.5	0.65 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO01-01	ng/kg	0.4	2.8 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO02-01	ng/kg	0.6	5.4	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO03-01	ng/kg	1	13.6	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO04-01	ng/kg	0.6	1.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO05-01	ng/kg	0.1	1.2 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO06-01	ng/kg	0.05	2.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO07-01	ng/kg	0.2	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO08-01	ng/kg	1	1.3 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO09-01	ng/kg	0.5	2.2 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO10-01	ng/kg	0.6	3 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO11-01	ng/kg	0.2	ND	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO12-01	ng/kg	0.4	1.3 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO01-01	ng/kg	0.2	2 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO02-01	ng/kg	0.4	12.7	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO03-01	ng/kg	0.8	25.4	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO04-01	ng/kg	0.6	1.8 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO05-01	ng/kg	0.08	2.2 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO06-01	ng/kg	0.04	2 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO07-01	ng/kg	0.3	0.31 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO08-01	ng/kg	0.8	1.9 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO09-01	ng/kg	0.4	2.6 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO10-01	ng/kg	0.3	2.4 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO11-01	ng/kg	0.2	0.6 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO12-01	ng/kg	0.2	0.66 J	760	760	86	86	30.6	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO01-01	ng/kg	0.4	10.7	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO02-01	ng/kg	0.5	60	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO03-01	ng/kg	0.9	114	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO04-01	ng/kg	0.5	5.7	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO05-01	ng/kg	0.1	6.2 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO06-01	ng/kg	0.04	13.3	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO07-01	ng/kg	0.2	1.1 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO08-01	ng/kg	0.8	3.6 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO09-01	ng/kg	0.5	9.3	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO10-01	ng/kg	0.6	8.3	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO11-01	ng/kg	0.2	0.91 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO12-01	ng/kg	0.4	4.2 J	380	380	43	43	101	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO01-01	ng/kg	0.2	2.8 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO02-01	ng/kg	0.4	21.7	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO03-01	ng/kg	0.8	43.2	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO04-01	ng/kg	0.6	2.7 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO05-01	ng/kg	0.08	4.9 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO06-01	ng/kg	0.04	3.7 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO07-01	ng/kg	0.2	ND	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO08-01	ng/kg	0.8	1.7 J	76	76	8.6	8.6	37.4	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO09-01	ng/kg	0.4	4.8 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO10-01	ng/kg	0.3	3.5 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO11-01	ng/kg	0.2	0.68 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO12-01	ng/kg	0.2	1.4 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO01-01	ng/kg	0.4	0.4 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO02-01	ng/kg	0.5	1.2	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO03-01	ng/kg	0.8	2.1	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO04-01	ng/kg	0.6	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO05-01	ng/kg	0.06	0.21 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO06-01	ng/kg	0.03	0.35 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO07-01	ng/kg	0.2	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO08-01	ng/kg	0.8	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO09-01	ng/kg	0.4	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO10-01	ng/kg	0.3	0.58 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO11-01	ng/kg	0.2	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO12-01	ng/kg	0.2	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO01-01	ng/kg	0.8	ND J	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO02-01	ng/kg	0.5	10.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO03-01	ng/kg	0.6	15.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO04-01	ng/kg	0.2	2.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO05-01	ng/kg	0.3	1.8	380	380	43	43	32.8	NS
[illegible]8290	2,3,7,8-TCDF	NA-TOWR-SO06-01	ng/kg	0.2	1.5	380	380	43	43	32.8	NS
[illegible]8290	2,3,7,8-TCDF	NA-TOWR-SO07-01	ng/kg	0.9	ND	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO08-01	ng/kg	1	1.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO09-01	ng/kg	0.4	1.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO10-01	ng/kg	0.5	1.6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO11-01	ng/kg	0.6	ND	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO12-01	ng/kg	0.3	0.82 J	380	380	43	43	32.8	NS
SW8290	Total HpCDD	NA-TOWR-SO01-01	ng/kg	0.4	39.1	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO02-01	ng/kg	0.6	261	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO03-01	ng/kg	1.2	805	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO04-01	ng/kg	0.9	54.1	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO05-01	ng/kg	0.1	43.1	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO06-01	ng/kg	0.06	215	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO07-01	ng/kg	0.3	2.3	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO08-01	ng/kg	1.3	83.4	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO09-01	ng/kg	0.7	61.4	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO10-01	ng/kg	1.8	137	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO11-01	ng/kg	0.2	2.1	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-TOWR-SO12-01	ng/kg	1.1	112	.	.	.	.	488	NS
SW8290	Total HpCDF	NA-TOWR-SO01-01	ng/kg	0.4	41.6	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO02-01	ng/kg	0.5	254	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO03-01	ng/kg	1.1	659	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO04-01	ng/kg	0.8	47.7	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO05-01	ng/kg	0.1	43.1	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO06-01	ng/kg	0.05	268	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO07-01	ng/kg	0.2	4.6	.	.	.	.	487	NS
[illegible]8290	Total HpCDF	NA-TOWR-SO08-01	ng/kg	1	65.3	.	.	.	.	487	NS
[illegible]8290	Total HpCDF	NA-TOWR-SO09-01	ng/kg	0.5	51.8	.	.	.	.	487	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total HpCDF	NA-TOWR-SO10-01	ng/kg	1.2	92.7	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO11-01	ng/kg	0.2	5.2	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-TOWR-SO12-01	ng/kg	0.7	71.7	.	.	.	.	487	NS
SW8290	Total HxCDD	NA-TOWR-SO01-01	ng/kg	0.3	46.2	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO02-01	ng/kg	0.5	141	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO03-01	ng/kg	0.9	403	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO04-01	ng/kg	0.5	24	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO05-01	ng/kg	0.2	42.2	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO06-01	ng/kg	0.06	66.4	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO07-01	ng/kg	0.3	2.9	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO08-01	ng/kg	1.1	36.5	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO09-01	ng/kg	0.6	44.7	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO10-01	ng/kg	1	56.4	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO11-01	ng/kg	0.2	2.4	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-TOWR-SO12-01	ng/kg	0.6	31.1	.	.	.	.	362	NS
SW8290	Total HxCDF	NA-TOWR-SO01-01	ng/kg	0.3	45.7	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO02-01	ng/kg	0.5	317	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO03-01	ng/kg	0.8	738	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO04-01	ng/kg	0.4	38.9	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO05-01	ng/kg	0.1	62.4	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO06-01	ng/kg	0.04	113	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO07-01	ng/kg	0.2	3.5	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO08-01	ng/kg	0.8	41.8	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO09-01	ng/kg	0.4	58.6	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO10-01	ng/kg	0.6	58.9	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO11-01	ng/kg	0.2	4.4	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TOWR-SO12-01	ng/kg	0.4	36.1	.	.	.	.	535	NS
SW8290	Total PeCDD	NA-TOWR-SO01-01	ng/kg	0.4	26.2	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO02-01	ng/kg	0.6	115	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO03-01	ng/kg	1	138	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO04-01	ng/kg	0.6	3.1	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO05-01	ng/kg	0.1	20	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO06-01	ng/kg	0.05	22.2	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO07-01	ng/kg	0.2	0.37	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO08-01	ng/kg	1	8.3	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO09-01	ng/kg	0.5	17.7	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO10-01	ng/kg	0.6	10.2	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO11-01	ng/kg	0.2	1.3	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-TOWR-SO12-01	ng/kg	0.4	31.4	.	.	.	.	205	NS
SW8290	Total PeCDF	NA-TOWR-SO01-01	ng/kg	0.2	33.3	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO02-01	ng/kg	0.4	317	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO03-01	ng/kg	0.8	592	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO04-01	ng/kg	0.6	33.1	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO05-01	ng/kg	0.08	62.7	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO06-01	ng/kg	0.04	48	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO07-01	ng/kg	0.2	2.6	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO08-01	ng/kg	0.8	20.4	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO09-01	ng/kg	0.4	61.8	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO10-01	ng/kg	0.3	35.5	.	.	.	.	608	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total PeCDF	NA-TOWR-SO11-01	ng/kg	0.2	3.5	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TOWR-SO12-01	ng/kg	0.2	18.3	.	.	.	.	608	NS
SW8290	Total TCDD	NA-TOWR-SO01-01	ng/kg	0.4	10.9	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO02-01	ng/kg	0.5	80.3	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO03-01	ng/kg	0.8	145	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO04-01	ng/kg	0.6	3.5	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO05-01	ng/kg	0.06	11.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO06-01	ng/kg	0.03	13.7	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO07-01	ng/kg	0.2	0.29	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO08-01	ng/kg	0.8	10.8	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO09-01	ng/kg	0.4	22.2	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO10-01	ng/kg	0.3	19.7	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO11-01	ng/kg	0.2	0.61	.	.	.	.	152	NS
SW8290	Total TCDD	NA-TOWR-SO12-01	ng/kg	0.2	278	.	.	.	.	152	NS
SW8290	Total TCDF	NA-TOWR-SO01-01	ng/kg	0.3	36.3	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO02-01	ng/kg	0.4	261	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO03-01	ng/kg	0.6	413	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO04-01	ng/kg	0.5	33.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO05-01	ng/kg	0.06	51.4	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO06-01	ng/kg	0.03	36.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO07-01	ng/kg	0.1	1	.	.	.	.	522	NS
[illegible]8290	Total TCDF	NA-TOWR-SO08-01	ng/kg	1	7.7	.	.	.	.	522	NS
[illegible]8290	Total TCDF	NA-TOWR-SO09-01	ng/kg	0.3	45	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO10-01	ng/kg	0.2	28.3	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO11-01	ng/kg	0.1	1.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TOWR-SO12-01	ng/kg	0.1	19.8	.	.	.	.	522	NS
ILM04.0	Cyanide	NA-TOWR-SO01-01	mg/kg	0.26	0.81	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO02-01	mg/kg	0.28	1.2	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO03-01	mg/kg	0.31	1.7	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO04-01	mg/kg	0.26	0.5	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO05-01	mg/kg	0.19	0.45	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO06-01	mg/kg	0.5	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO07-01	mg/kg	0.17	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO08-01	mg/kg	0.4	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO09-01	mg/kg	0.35	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO10-01	mg/kg	0.3	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO11-01	mg/kg	0.23	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-TOWR-SO12-01	mg/kg	0.38	ND	41000	4100	1600	160	1.08	NS
ILMO4.0	Aluminum	NA-TOWR-SO01-01	mg/kg	2.7	69000	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO02-01	mg/kg	2.4	36900	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO03-01	mg/kg	2.8	55100	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO04-01	mg/kg	2.3	45500	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO05-01	mg/kg	1.8	13500	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO06-01	mg/kg	3.1	78800	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO07-01	mg/kg	1.8	14200	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO08-01	mg/kg	2.4	70700	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Aluminum	NA-TOWR-SO09-01	mg/kg	2.2	61600	2E+06	200000	78000	7800	74000	NS
[illegible]MO4.0	Aluminum	NA-TOWR-SO10-01	mg/kg	2.5	60400	2E+06	200000	78000	7800	74000	NS
[illegible]O4.0	Aluminum	NA-TOWR-SO11-01	mg/kg	1.9	14200	2E+06	200000	78000	7800	74000	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Aluminum	NA-TOWR-SO12-01	mg/kg	2.3	68700	2E+06	200000	78000	7800	74000	NS
ILMO4.0	Antimony	NA-TOWR-SO01-01	mg/kg	0.68	0.85 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO02-01	mg/kg	0.6	2.3 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO03-01	mg/kg	0.7	2.7 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO04-01	mg/kg	0.57	1.2 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO05-01	mg/kg	0.44	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO06-01	mg/kg	0.78	1.9 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO07-01	mg/kg	0.44	0.77 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO08-01	mg/kg	0.6	1.6 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO09-01	mg/kg	0.56	1.4 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO10-01	mg/kg	0.63	1.3 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO11-01	mg/kg	0.47	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TOWR-SO12-01	mg/kg	0.58	1.9 J	820	82	31	3.1	2.4	NS
ILMO4.0	Arsenic	NA-TOWR-SO01-01	mg/kg	0.91	2.6	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO02-01	mg/kg	0.8	2.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO03-01	mg/kg	0.93	3.9	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO04-01	mg/kg	0.76	3.4	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO05-01	mg/kg	0.59	8.3	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO06-01	mg/kg	1	5.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO07-01	mg/kg	0.58	3.5	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO08-01	mg/kg	0.8	4.2	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO09-01	mg/kg	0.74	3.7	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO10-01	mg/kg	0.84	5.5	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO11-01	mg/kg	0.62	3.4	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Arsenic	NA-TOWR-SO12-01	mg/kg	0.78	4.5	3.8	3.8	0.43	0.43	6.64	NS
ILMO4.0	Barium	NA-TOWR-SO01-01	mg/kg	0.23	86.2 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO02-01	mg/kg	0.2	56.6 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO03-01	mg/kg	0.23	96.2 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO04-01	mg/kg	0.19	57.6 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO05-01	mg/kg	0.15	15.2 L	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO06-01	mg/kg	0.26	96.3 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO07-01	mg/kg	0.15	13.8 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO08-01	mg/kg	0.2	89.4 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO09-01	mg/kg	0.19	91.5 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO10-01	mg/kg	0.21	609 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO11-01	mg/kg	0.16	14.1 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TOWR-SO12-01	mg/kg	0.19	76.5 K	140000	14000	5500	550	130	NS
ILMO4.0	Beryllium	NA-TOWR-SO01-01	mg/kg	0.23	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO02-01	mg/kg	0.2	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO03-01	mg/kg	0.23	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO04-01	mg/kg	0.19	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO05-01	mg/kg	0.15	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO06-01	mg/kg	0.26	0.36	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO07-01	mg/kg	0.15	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO08-01	mg/kg	0.2	0.3	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO09-01	mg/kg	0.19	0.24	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO10-01	mg/kg	0.21	0.29	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO11-01	mg/kg	0.16	ND	4100	410	160	16	0.25	NS
ILMO4.0	Beryllium	NA-TOWR-SO12-01	mg/kg	0.19	0.27	4100	410	160	16	0.25	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Cadmium	NA-TOWR-SO01-01	mg/kg	0.23	1.4 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO02-01	mg/kg	0.2	1 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO03-01	mg/kg	0.23	2 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO04-01	mg/kg	0.19	1 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO05-01	mg/kg	0.15	0.33 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO06-01	mg/kg	0.26	1.1 L	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO07-01	mg/kg	0.15	ND	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO08-01	mg/kg	0.2	0.96 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO09-01	mg/kg	0.19	0.92 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO10-01	mg/kg	0.21	0.76 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO11-01	mg/kg	0.16	0.18 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Cadmium	NA-TOWR-SO12-01	mg/kg	0.19	0.85 K	1000	100	39	3.9	1.26	NS
ILMO4.0	Calcium	NA-TOWR-SO01-01	mg/kg	5.9	9890	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO02-01	mg/kg	5.2	10600	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO03-01	mg/kg	6	11600	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO04-01	mg/kg	4.9	10400	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO05-01	mg/kg	3.8	3520	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO06-01	mg/kg	6.7	18300	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO07-01	mg/kg	3.8	10800	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO08-01	mg/kg	5.2	15500	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO09-01	mg/kg	4.8	27600	.	.	.	.	15400	NS
[redacted]MO4.0	Calcium	NA-TOWR-SO10-01	mg/kg	5.5	27700	.	.	.	.	15400	NS
[redacted]MO4.0	Calcium	NA-TOWR-SO11-01	mg/kg	4	11600	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TOWR-SO12-01	mg/kg	5	15500	.	.	.	.	15400	NS
ILMO4.0	Chromium	NA-TOWR-SO01-01	mg/kg	0.23	37.4	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO02-01	mg/kg	0.2	21.1	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO03-01	mg/kg	0.23	40.6	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO04-01	mg/kg	0.19	23.8	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO05-01	mg/kg	0.15	8.6	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO06-01	mg/kg	0.26	47.9	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO07-01	mg/kg	0.15	7.8	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO08-01	mg/kg	0.2	42	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO09-01	mg/kg	0.19	34.5	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO10-01	mg/kg	0.21	43.7	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO11-01	mg/kg	0.16	6.3	10000	1000	390	39	39.9	NS
ILMO4.0	Chromium	NA-TOWR-SO12-01	mg/kg	0.19	41.6	10000	1000	390	39	39.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO01-01	mg/kg	0.23	28.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO02-01	mg/kg	0.2	17.1	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO03-01	mg/kg	0.23	21.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO04-01	mg/kg	0.19	19	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO05-01	mg/kg	0.15	4.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO06-01	mg/kg	0.26	29	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO07-01	mg/kg	0.15	4.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO08-01	mg/kg	0.2	27.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO09-01	mg/kg	0.19	24.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO10-01	mg/kg	0.21	24	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TOWR-SO11-01	mg/kg	0.16	3.5	120000	12000	4700	470	28.9	NS
[redacted]MO4.0	Cobalt	NA-TOWR-SO12-01	mg/kg	0.19	27.3	120000	12000	4700	470	28.9	NS
[redacted]IO4.0	Copper	NA-TOWR-SO01-01	mg/kg	0.23	139	82000	8200	3100	310	134	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Copper	NA-TOWR-SO02-01	mg/kg	0.2	82.3	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO03-01	mg/kg	0.23	107	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO04-01	mg/kg	0.19	94.8	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO05-01	mg/kg	0.15	23.3	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO06-01	mg/kg	0.26	150	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO07-01	mg/kg	0.15	7.5	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO08-01	mg/kg	0.2	139	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO09-01	mg/kg	0.19	146	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO10-01	mg/kg	0.21	132	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO11-01	mg/kg	0.16	8	82000	8200	3100	310	134	NS
ILMO4.0	Copper	NA-TOWR-SO12-01	mg/kg	0.19	134	82000	8200	3100	310	134	NS
ILMO4.0	Iron	NA-TOWR-SO01-01	mg/kg	3.2	59900	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO02-01	mg/kg	2.8	33300	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO03-01	mg/kg	3.2	49800	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO04-01	mg/kg	2.7	39000	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO05-01	mg/kg	2.1	11100	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO06-01	mg/kg	3.6	64400	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO07-01	mg/kg	2	13500	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO08-01	mg/kg	2.8	59900	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO09-01	mg/kg	2.6	52700	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO10-01	mg/kg	3	53900	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO11-01	mg/kg	2.2	12500	610000	61000	23000	2300	60600	NS
ILMO4.0	Iron	NA-TOWR-SO12-01	mg/kg	2.7	59100	610000	61000	23000	2300	60600	NS
ILMO4.0	Lead	NA-TOWR-SO01-01	mg/kg	0.45	7.7	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO02-01	mg/kg	0.4	26.2	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO03-01	mg/kg	0.46	97.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO04-01	mg/kg	0.38	18.1	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO05-01	mg/kg	0.3	4.4	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO06-01	mg/kg	0.52	29.3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO07-01	mg/kg	0.29	3.4	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO08-01	mg/kg	0.4	23.4	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO09-01	mg/kg	0.37	27.3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO10-01	mg/kg	0.42	24.1	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO11-01	mg/kg	0.31	3	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-TOWR-SO12-01	mg/kg	0.39	18.5	400	400	400	400	95.5	NS
ILMO4.0	Magnesium	NA-TOWR-SO01-01	mg/kg	2	11700	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO02-01	mg/kg	1.8	9190	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO03-01	mg/kg	2.1	8540	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO04-01	mg/kg	1.7	8990	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO05-01	mg/kg	1.3	2480	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO06-01	mg/kg	2.3	8650	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO07-01	mg/kg	1.3	2450	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO08-01	mg/kg	1.8	11500	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO09-01	mg/kg	1.7	10000	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO10-01	mg/kg	1.9	10100	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO11-01	mg/kg	1.4	2650	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TOWR-SO12-01	mg/kg	1.8	11100	.	.	.	.	12400	NS
ILMO4.0	Manganese	NA-TOWR-SO01-01	mg/kg	0.23	1110	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO02-01	mg/kg	0.2	613	41000	4100	1600	160	1050	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
ILMO4.0	Manganese	NA-TOWR-SO03-01	mg/kg	0.23	884	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO04-01	mg/kg	0.19	737	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO05-01	mg/kg	0.15	183	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO06-01	mg/kg	0.26	1200	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO07-01	mg/kg	0.15	175	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO08-01	mg/kg	0.2	1090	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO09-01	mg/kg	0.19	978	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO10-01	mg/kg	0.21	989	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO11-01	mg/kg	0.16	173	41000	4100	1600	160	1050	NS
ILMO4.0	Manganese	NA-TOWR-SO12-01	mg/kg	0.19	1060	41000	4100	1600	160	1050	NS
ILMO4.0	Mercury	NA-TOWR-SO01-01	mg/kg	0.03	0.03	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO02-01	mg/kg	0.02	0.09	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO03-01	mg/kg	0.03	0.14	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO04-01	mg/kg	0.02	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO05-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO06-01	mg/kg	0.03	0.08	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO07-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO08-01	mg/kg	0.03	0.08	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO09-01	mg/kg	0.02	0.05	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO10-01	mg/kg	0.03	0.04	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TOWR-SO11-01	mg/kg	0.02	ND	200	20	7.8	0.78	0.228	NS
[redacted]O4.0	Mercury	NA-TOWR-SO12-01	mg/kg	0.03	0.04	200	20	7.8	0.78	0.228	NS
[redacted]O4.0	Nickel	NA-TOWR-SO01-01	mg/kg	0.23	37.4	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO02-01	mg/kg	0.2	24.1	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO03-01	mg/kg	0.23	31.4	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO04-01	mg/kg	0.19	24.1	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO05-01	mg/kg	0.15	7.7	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO06-01	mg/kg	0.52	38.8	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO07-01	mg/kg	0.29	5.7	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO08-01	mg/kg	0.4	34.9	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO09-01	mg/kg	0.37	30.9	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO10-01	mg/kg	0.42	33.2	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO11-01	mg/kg	0.31	5.9	41000	4100	1600	160	39.5	NS
ILMO4.0	Nickel	NA-TOWR-SO12-01	mg/kg	0.39	34	41000	4100	1600	160	39.5	NS
ILMO4.0	Potassium	NA-TOWR-SO01-01	mg/kg	1.4	464	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO02-01	mg/kg	1.2	451	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO03-01	mg/kg	1.4	989	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO04-01	mg/kg	1.1	312	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO05-01	mg/kg	0.89	198	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO06-01	mg/kg	1.6	920	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO07-01	mg/kg	0.87	676	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO08-01	mg/kg	1.2	674	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO09-01	mg/kg	1.1	766	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO10-01	mg/kg	1.3	938	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO11-01	mg/kg	0.94	641	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TOWR-SO12-01	mg/kg	1.2	910	.	.	.	.	643	S
ILMO4.0	Selenium	NA-TOWR-SO01-01	mg/kg	0.45	ND UL	10000	1000	390	39	0.794	NS
[redacted]O4.0	Selenium	NA-TOWR-SO02-01	mg/kg	0.4	ND UL	10000	1000	390	39	0.794	NS
[redacted]O4.0	Selenium	NA-TOWR-SO03-01	mg/kg	0.46	ND UL	10000	1000	390	39	0.794	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Selenium	NA-TOWR-SO04-01	mg/kg	0.38	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO05-01	mg/kg	0.3	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO06-01	mg/kg	0.52	0.74 L	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO07-01	mg/kg	0.29	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO08-01	mg/kg	0.4	0.4 L	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO09-01	mg/kg	0.37	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO10-01	mg/kg	0.42	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO11-01	mg/kg	0.31	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-TOWR-SO12-01	mg/kg	0.39	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Silver	NA-TOWR-SO01-01	mg/kg	0.23	0.24	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO02-01	mg/kg	0.2	0.3	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO03-01	mg/kg	0.23	0.36	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO04-01	mg/kg	0.19	0.2	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO05-01	mg/kg	0.15	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO06-01	mg/kg	0.26	0.34	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO07-01	mg/kg	0.15	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO08-01	mg/kg	0.2	0.43	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO09-01	mg/kg	0.19	0.3	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO10-01	mg/kg	0.21	0.38	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO11-01	mg/kg	0.16	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TOWR-SO12-01	mg/kg	0.19	0.33	10000	1000	390	39	0.61	NS
ILMO4.0	Sodium	NA-TOWR-SO01-01	mg/kg	22.6	1500	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO02-01	mg/kg	20.1	1740	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO03-01	mg/kg	23.2	1350	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO04-01	mg/kg	19	1970	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO05-01	mg/kg	14.8	582	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO06-01	mg/kg	25.9	918	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO07-01	mg/kg	14.6	929	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO08-01	mg/kg	19.9	1240	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO09-01	mg/kg	18.5	1240	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO10-01	mg/kg	21.1	533	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO11-01	mg/kg	15.6	884	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TOWR-SO12-01	mg/kg	19.4	745	.	.	.	.	2430	NS
ILMO4.0	Thallium	NA-TOWR-SO01-01	mg/kg	0.91	2.5	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO02-01	mg/kg	0.8	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO03-01	mg/kg	0.93	1.2	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO04-01	mg/kg	0.76	1.3	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO05-01	mg/kg	0.59	ND	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO06-01	mg/kg	1	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO07-01	mg/kg	0.58	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO08-01	mg/kg	0.8	2 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO09-01	mg/kg	0.74	2 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO10-01	mg/kg	0.84	1 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO11-01	mg/kg	0.62	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TOWR-SO12-01	mg/kg	0.78	2 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Vanadium	NA-TOWR-SO01-01	mg/kg	0.23	255	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO02-01	mg/kg	0.2	124	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO03-01	mg/kg	0.23	190	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO04-01	mg/kg	0.19	149	14000	1400	550	55	268	NS

Appendix F-5
Residential Towers - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Vanadium	NA-TOWR-SO05-01	mg/kg	0.15	40.4	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO06-01	mg/kg	0.26	287	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO07-01	mg/kg	0.15	43.1	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO08-01	mg/kg	0.2	254	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO09-01	mg/kg	0.19	223	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO10-01	mg/kg	0.21	222	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO11-01	mg/kg	0.16	34.8	14000	1400	550	55	268	NS
ILMO4.0	Vanadium	NA-TOWR-SO12-01	mg/kg	0.19	252	14000	1400	550	55	268	NS
ILMO4.0	Zinc	NA-TOWR-SO01-01	mg/kg	0.23	58.8	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO02-01	mg/kg	0.2	94.3	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO03-01	mg/kg	0.23	223	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO04-01	mg/kg	0.19	64.4	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO05-01	mg/kg	0.15	34.8	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO06-01	mg/kg	0.26	162	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO07-01	mg/kg	0.15	32.8	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO08-01	mg/kg	0.2	114	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO09-01	mg/kg	0.19	126	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO10-01	mg/kg	0.21	120	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO11-01	mg/kg	0.16	25.5	610000	61000	23000	2300	224	NS
ILMO4.0	Zinc	NA-TOWR-SO12-01	mg/kg	0.19	94	610000	61000	23000	2300	224	NS
300	Chloride	NA-TOWR-SO03-01	mg/kg	0.88	11.4	200000	20000	7800	780	5.16	NS
300	Chloride	NA-TOWR-SO05-01	mg/kg	0.55	2.29	200000	20000	7800	780	5.16	NS
300	Fluoride	NA-TOWR-SO03-01	mg/kg	0.44	ND	120000	12000	4700	470	0.763	NC
300	Fluoride	NA-TOWR-SO05-01	mg/kg	0.27	ND	120000	12000	4700	470	0.763	NC
353.2	Nitrate	NA-TOWR-SO03-01	mg/kg	1.76	23.1	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-TOWR-SO05-01	mg/kg	0.55	4.24	3E+06	330000	130000	13000	15.5	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-TOWR-SO02-32	ug/kg	0.24	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO04-02	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO06-02	ug/kg	0.35	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TOWR-SO10-02	ug/kg	0.29	9.5	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-TOWR-SO02-32	ug/kg	0.24	7.9	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO04-02	ug/kg	0.28	1.1	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO06-02	ug/kg	0.35	23	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TOWR-SO10-02	ug/kg	0.29	55	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO02-32	ug/kg	0.24	7.5	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO04-02	ug/kg	0.28	0.98	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO06-02	ug/kg	0.35	79	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TOWR-SO10-02	ug/kg	0.29	79	17000	17000	1900	1900	1.7	NS
OLM03.2	Aldrin	NA-TOWR-SO02-32	ug/kg	0.24	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO04-02	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO06-02	ug/kg	0.35	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TOWR-SO10-02	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO02-32	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO04-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO06-02	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TOWR-SO10-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO02-32	ug/kg	0.24	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO04-02	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO06-02	ug/kg	0.35	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TOWR-SO10-02	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO02-32	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan I	NA-TOWR-SO04-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO06-02	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TOWR-SO10-02	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO02-32	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO04-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO06-02	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TOWR-SO10-02	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO02-32	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO04-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO06-02	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TOWR-SO10-02	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-TOWR-SO02-32	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO04-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO06-02	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TOWR-SO10-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO02-32	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO04-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO06-02	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TOWR-SO10-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO02-32	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO04-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO06-02	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TOWR-SO10-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO02-32	ug/kg	0.24	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO04-02	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO06-02	ug/kg	0.35	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TOWR-SO10-02	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO02-32	ug/kg	0.24	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO04-02	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO06-02	ug/kg	0.35	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TOWR-SO10-02	ug/kg	0.29	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO02-32	ug/kg	0.24	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO04-02	ug/kg	0.28	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO06-02	ug/kg	0.35	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TOWR-SO10-02	ug/kg	0.29	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO02-32	ug/kg	0.24	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO04-02	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO06-02	ug/kg	0.35	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TOWR-SO10-02	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO02-32	ug/kg	0.24	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO04-02	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO06-02	ug/kg	0.35	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TOWR-SO10-02	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-TOWR-SO02-32	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TOWR-SO04-02	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TOWR-SO06-02	ug/kg	0.35	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TOWR-SO10-02	ug/kg	0.29	4.6 J	16000	16000	1800	1800	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO02-32	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO04-02	ug/kg	0.28	ND	3200	3200	350	350	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	beta-BHC	NA-TOWR-SO06-02	ug/kg	0.35	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TOWR-SO10-02	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO02-32	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO04-02	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO06-02	ug/kg	0.35	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TOWR-SO10-02	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO02-32	ug/kg	0.24	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO04-02	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO06-02	ug/kg	0.35	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TOWR-SO10-02	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO02-32	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO04-02	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO06-02	ug/kg	0.35	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TOWR-SO10-02	ug/kg	0.29	4.6	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TOWR-SO02-32	ug/kg	48	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TOWR-SO04-02	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TOWR-SO06-02	ug/kg	71	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TOWR-SO10-02	ug/kg	58	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO02-32	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO04-02	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO02-32	ug/kg	48	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO04-02	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO02-32	ug/kg	48	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO04-02	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO02-32	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO04-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO02-32	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO04-02	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO02-32	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO04-02	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO02-32	ug/kg	48	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO04-02	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO02-32	ug/kg	48	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO04-02	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO02-32	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO04-02	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO02-32	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO04-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO02-32	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO04-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO06-02	ug/kg	71	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TOWR-SO10-02	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO02-32	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO04-02	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO02-32	ug/kg	48	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO04-02	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO06-02	ug/kg	71	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TOWR-SO10-02	ug/kg	58	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO02-32	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO04-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO06-02	ug/kg	71	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TOWR-SO10-02	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO02-32	ug/kg	48	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO04-02	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO02-32	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO04-02	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO02-32	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO04-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO02-32	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO04-02	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO02-32	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO04-02	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO02-32	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO04-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO06-02	ug/kg	71	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TOWR-SO10-02	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO02-32	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO04-02	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO02-32	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO04-02	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO02-32	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO04-02	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO02-32	ug/kg	48	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO04-02	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO02-32	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO04-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TOWR-SO10-02	ug/kg	58	74 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO02-32	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO04-02	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TOWR-SO10-02	ug/kg	58	88 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO02-32	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO04-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TOWR-SO10-02	ug/kg	58	79 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO02-32	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO04-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO02-32	ug/kg	48	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO04-02	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TOWR-SO10-02	ug/kg	58	81 J	78000	78000	8700	8700	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO02-32	ug/kg	48	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO04-02	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO02-32	ug/kg	48	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO04-02	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO06-02	ug/kg	71	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TOWR-SO10-02	ug/kg	58	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO02-32	ug/kg	48	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO04-02	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TOWR-SO10-02	ug/kg	58	79 J	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO02-32	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO04-02	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO02-32	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO04-02	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-TOWR-SO02-32	ug/kg	48	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-TOWR-SO04-02	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO02-32	ug/kg	48	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO04-02	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TOWR-SO10-02	ug/kg	58	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-TOWR-SO02-32	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TOWR-SO04-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO02-32	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO04-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO02-32	ug/kg	48	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO04-02	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO02-32	ug/kg	48	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO04-02	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO02-32	ug/kg	48	ND	410000	410000	46000	46000	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachloroethane	NA-TOWR-SO04-02	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO06-02	ug/kg	71	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TOWR-SO10-02	ug/kg	58	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO02-32	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO04-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO02-32	ug/kg	48	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO04-02	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO02-32	ug/kg	48	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO04-02	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO06-02	ug/kg	71	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TOWR-SO10-02	ug/kg	58	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO02-32	ug/kg	48	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO04-02	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO02-32	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO04-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO02-32	ug/kg	48	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO04-02	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO02-32	ug/kg	48	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO04-02	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO02-32	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO04-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TOWR-SO10-02	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO02-32	ug/kg	48	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO04-02	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-TOWR-SO02-32	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-TOWR-SO04-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-TOWR-SO06-02	ug/kg	71	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-TOWR-SO10-02	ug/kg	58	73 J	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO02-32	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO04-02	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO06-02	ug/kg	71	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TOWR-SO10-02	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO02-32	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO04-02	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO06-02	ug/kg	71	ND UJ	5200	5200	580	580	NC	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	bis(2-Chloroethyl)ether	NA-TOWR-SO10-02	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO02-32	ug/kg	48	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO04-02	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TOWR-SO10-02	ug/kg	58	140 J	410000	410000	46000	46000	NC	NC
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO02-32	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO04-02	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TOWR-SO10-02	ug/kg	58	60 J	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO02-32	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO04-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO06-02	ug/kg	71	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TOWR-SO10-02	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO02-32	ug/kg	48	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO04-02	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO02-32	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO04-02	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO06-02	ug/kg	71	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TOWR-SO10-02	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO02-32	ng/kg	1.7	196	38000	38000	4300	4300	39.6	NS
[illegible]8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO04-02	ng/kg	1.7	14.7	38000	38000	4300	4300	39.6	NS
[illegible]W8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO06-02	ng/kg	0.2	147	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TOWR-SO10-02	ng/kg	3.1	560	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO02-32	ng/kg	1.2	33.6	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO04-02	ng/kg	1.3	ND	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO06-02	ng/kg	0.1	48.2	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TOWR-SO10-02	ng/kg	2.3	47.4	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO02-32	ng/kg	0.9	33.4	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO04-02	ng/kg	0.8	ND	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO06-02	ng/kg	0.08	21.2	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TOWR-SO10-02	ng/kg	1.3	40.2	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO02-32	ng/kg	0.8	29.5	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO04-02	ng/kg	0.7	ND	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO06-02	ng/kg	0.05	29.5	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TOWR-SO10-02	ng/kg	0.7	17	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO02-32	ng/kg	1.2	4.1 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO04-02	ng/kg	1	ND	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO06-02	ng/kg	0.06	5.3	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TOWR-SO10-02	ng/kg	1	1.4 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO02-32	ng/kg	0.8	0.96 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO04-02	ng/kg	0.4	ND UJ	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO06-02	ng/kg	0.06	0.72 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TOWR-SO10-02	ng/kg	0.7	1.1 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO02-32	ng/kg	0.7	10.7 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO04-02	ng/kg	0.4	ND	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO06-02	ng/kg	0.03	7	380	380	43	43	2.1	NS
[illegible]8290	1,2,3,4,7,8-HxCDF	NA-TOWR-SO10-02	ng/kg	0.4	2.5 J	380	380	43	43	2.1	NS

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO02-32	ng/kg	0.6	3.6 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO04-02	ng/kg	0.4	0.99 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO06-02	ng/kg	0.06	1.8 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TOWR-SO10-02	ng/kg	0.7	2.8 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO02-32	ng/kg	0.6	4.5 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO04-02	ng/kg	0.4	ND	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO06-02	ng/kg	0.03	2.8 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TOWR-SO10-02	ng/kg	0.4	1.5 J	380	380	43	43	1.1	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO02-32	ng/kg	0.7	4 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO04-02	ng/kg	0.4	2.9 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO06-02	ng/kg	0.05	3.4 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TOWR-SO10-02	ng/kg	0.7	4 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO02-32	ng/kg	0.7	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO04-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO06-02	ng/kg	0.04	0.34 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TOWR-SO10-02	ng/kg	0.6	0.82 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO02-32	ng/kg	0.9	1.5 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO04-02	ng/kg	0.5	1.3 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO06-02	ng/kg	0.05	0.75 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TOWR-SO10-02	ng/kg	0.4	1.3 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO02-32	ng/kg	0.8	2.7 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO04-02	ng/kg	0.5	ND	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO06-02	ng/kg	0.03	1.1 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TOWR-SO10-02	ng/kg	0.2	0.81 J	760	760	86	86	0.8	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO02-32	ng/kg	0.7	8.2	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO04-02	ng/kg	0.5	ND	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO06-02	ng/kg	0.04	7.2	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TOWR-SO10-02	ng/kg	0.5	2.3 J	380	380	43	43	2.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO02-32	ng/kg	0.8	3.9 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO04-02	ng/kg	0.5	ND	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO06-02	ng/kg	0.03	1.9 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TOWR-SO10-02	ng/kg	0.3	0.93 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,7,8-TCDD	NA-TOWR-SO02-32	ng/kg	0.8	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TOWR-SO04-02	ng/kg	0.6	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TOWR-SO06-02	ng/kg	0.03	0.15 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TOWR-SO10-02	ng/kg	0.2	0.29 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDF	NA-TOWR-SO02-32	ng/kg	0.3	2.8	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO04-02	ng/kg	0.4	ND	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO06-02	ng/kg	0.07	0.81 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TOWR-SO10-02	ng/kg	0.3	0.81 J	380	380	43	43	0.99	NS
SW8290	Total HpCDD	NA-TOWR-SO02-32	ng/kg	0.9	56.2	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-TOWR-SO04-02	ng/kg	0.8	ND	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-TOWR-SO06-02	ng/kg	0.08	37.9	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-TOWR-SO10-02	ng/kg	1.3	74.2	.	.	.	.	13.1	NS
SW8290	Total HpCDF	NA-TOWR-SO02-32	ng/kg	1	53.5	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TOWR-SO04-02	ng/kg	0.8	ND	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TOWR-SO06-02	ng/kg	0.06	54.7	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TOWR-SO10-02	ng/kg	0.9	42.3	.	.	.	.	10	NS
SW8290	Total HxCDD	NA-TOWR-SO02-32	ng/kg	0.7	34.4	.	.	.	.	19.1	NS

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	Total HxCDD	NA-TOWR-SO04-02	ng/kg	0.4	10.4	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-TOWR-SO06-02	ng/kg	0.06	32.4	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-TOWR-SO10-02	ng/kg	0.7	23.1	.	.	.	.	19.1	NS
SW8290	Total HxCDF	NA-TOWR-SO02-32	ng/kg	0.7	56.9	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TOWR-SO04-02	ng/kg	0.4	0.47	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TOWR-SO06-02	ng/kg	0.04	37.2	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TOWR-SO10-02	ng/kg	0.4	23	.	.	.	.	11.5	NS
SW8290	Total PeCDD	NA-TOWR-SO02-32	ng/kg	0.9	11.7	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TOWR-SO04-02	ng/kg	0.5	1.3	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TOWR-SO06-02	ng/kg	0.05	7.9	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TOWR-SO10-02	ng/kg	0.4	1.3	.	.	.	.	4.9	NS
SW8290	Total PeCDF	NA-TOWR-SO02-32	ng/kg	0.8	48.8	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TOWR-SO04-02	ng/kg	0.5	ND	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TOWR-SO06-02	ng/kg	0.03	21.7	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TOWR-SO10-02	ng/kg	0.3	12	.	.	.	.	12.1	NS
SW8290	Total TCDD	NA-TOWR-SO02-32	ng/kg	0.8	8.9	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TOWR-SO04-02	ng/kg	0.6	ND	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TOWR-SO06-02	ng/kg	0.03	6.2	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TOWR-SO10-02	ng/kg	0.2	4.5	.	.	.	.	2.3	NS
SW8290	Total TCDF	NA-TOWR-SO02-32	ng/kg	0.7	46.1	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TOWR-SO04-02	ng/kg	0.4	2.3	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TOWR-SO06-02	ng/kg	0.02	13.2	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TOWR-SO10-02	ng/kg	0.2	7.6	.	.	.	.	13.3	NS
ILM04.0	Cyanide	NA-TOWR-SO02-32	mg/kg	0.27	0.83	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TOWR-SO04-02	mg/kg	0.3	0.93	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TOWR-SO06-02	mg/kg	0.48	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TOWR-SO10-02	mg/kg	0.44	ND	41000	4100	1600	160	0.39	NS
ILMO4.0	Aluminum	NA-TOWR-SO02-32	mg/kg	2.3	46000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-TOWR-SO04-02	mg/kg	2.6	57500	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-TOWR-SO06-02	mg/kg	3.2	104000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-TOWR-SO10-02	mg/kg	2.9	71400	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Antimony	NA-TOWR-SO02-32	mg/kg	0.57	0.77 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TOWR-SO04-02	mg/kg	0.66	ND UL	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TOWR-SO06-02	mg/kg	0.81	1.9 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TOWR-SO10-02	mg/kg	0.71	1.6 J	820	82	31	3.1	1.5	NS
ILMO4.0	Arsenic	NA-TOWR-SO02-32	mg/kg	0.76	2.5	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TOWR-SO04-02	mg/kg	0.88	2.2	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TOWR-SO06-02	mg/kg	1.1	4.7	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TOWR-SO10-02	mg/kg	0.95	4.6	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Barium	NA-TOWR-SO02-32	mg/kg	0.19	308 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TOWR-SO04-02	mg/kg	0.22	105 L	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TOWR-SO06-02	mg/kg	0.27	67.4 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TOWR-SO10-02	mg/kg	0.24	74.2 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Beryllium	NA-TOWR-SO02-32	mg/kg	0.19	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TOWR-SO04-02	mg/kg	0.22	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TOWR-SO06-02	mg/kg	0.27	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TOWR-SO10-02	mg/kg	0.24	0.28	4100	410	160	16	NC	NC
ILMO4.0	Cadmium	NA-TOWR-SO02-32	mg/kg	0.19	0.98 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TOWR-SO04-02	mg/kg	0.22	1.3 K	1000	100	39	3.9	0.53	S

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Cadmium	NA-TOWR-SO06-02	mg/kg	0.27	1.2 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TOWR-SO10-02	mg/kg	0.24	0.87 K	1000	100	39	3.9	0.53	S
ILMO4.0	Calcium	NA-TOWR-SO02-32	mg/kg	5	13200	.	.	.	.	11600	S
ILMO4.0	Calcium	NA-TOWR-SO04-02	mg/kg	5.7	11800	.	.	.	.	11600	S
ILMO4.0	Calcium	NA-TOWR-SO06-02	mg/kg	7	15400	.	.	.	.	11600	S
ILMO4.0	Calcium	NA-TOWR-SO10-02	mg/kg	6.2	18300	.	.	.	.	11600	S
ILMO4.0	Chromium	NA-TOWR-SO02-32	mg/kg	0.19	21.7	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TOWR-SO04-02	mg/kg	0.22	28	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TOWR-SO06-02	mg/kg	0.27	57.4	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TOWR-SO10-02	mg/kg	0.24	45	10000	1000	390	39	30.8	NS
ILMO4.0	Cobalt	NA-TOWR-SO02-32	mg/kg	0.19	18.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TOWR-SO04-02	mg/kg	0.22	24.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TOWR-SO06-02	mg/kg	0.27	40.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TOWR-SO10-02	mg/kg	0.24	28.7	120000	12000	4700	470	25	NS
ILMO4.0	Copper	NA-TOWR-SO02-32	mg/kg	0.19	98.3	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-TOWR-SO04-02	mg/kg	0.22	124	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-TOWR-SO06-02	mg/kg	0.27	194	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-TOWR-SO10-02	mg/kg	0.24	150	82000	8200	3100	310	116	NS
ILMO4.0	Iron	NA-TOWR-SO02-32	mg/kg	2.7	39400	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TOWR-SO04-02	mg/kg	3.1	50100	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TOWR-SO06-02	mg/kg	3.8	86000	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TOWR-SO10-02	mg/kg	3.3	62100	610000	61000	23000	2300	51800	NS
ILMO4.0	Lead	NA-TOWR-SO02-32	mg/kg	0.38	8.8	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-TOWR-SO04-02	mg/kg	0.44	4	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-TOWR-SO06-02	mg/kg	0.54	14.9	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-TOWR-SO10-02	mg/kg	0.48	21.8	400	400	400	400	8.7	NS
ILMO4.0	Magnesium	NA-TOWR-SO02-32	mg/kg	1.7	9240	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TOWR-SO04-02	mg/kg	2	10700	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TOWR-SO06-02	mg/kg	2.4	18500	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TOWR-SO10-02	mg/kg	2.1	11700	.	.	.	.	12200	NS
ILMO4.0	Manganese	NA-TOWR-SO02-32	mg/kg	0.19	705	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-TOWR-SO04-02	mg/kg	0.22	949	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-TOWR-SO06-02	mg/kg	0.27	1500	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-TOWR-SO10-02	mg/kg	0.24	1110	41000	4100	1600	160	890	NS
ILMO4.0	Mercury	NA-TOWR-SO02-32	mg/kg	0.02	0.04	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-TOWR-SO04-02	mg/kg	0.03	ND	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-TOWR-SO06-02	mg/kg	0.03	0.03	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-TOWR-SO10-02	mg/kg	0.03	0.05	200	20	7.8	0.78	0.04	NS
ILMO4.0	Nickel	NA-TOWR-SO02-32	mg/kg	0.19	23.5	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TOWR-SO04-02	mg/kg	0.22	30.1	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TOWR-SO06-02	mg/kg	0.54	44.3	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TOWR-SO10-02	mg/kg	0.48	37.2	41000	4100	1600	160	32.9	NS
ILMO4.0	Potassium	NA-TOWR-SO02-32	mg/kg	1.1	2130	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TOWR-SO04-02	mg/kg	1.3	277	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TOWR-SO06-02	mg/kg	1.6	642	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TOWR-SO10-02	mg/kg	1.4	735	.	.	.	.	285	NS
ILMO4.0	Selenium	NA-TOWR-SO02-32	mg/kg	0.38	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-TOWR-SO04-02	mg/kg	0.44	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Selenium	NA-TOWR-SO06-02	mg/kg	0.54	ND UL	10000	1000	390	39	0.6	NC

Appendix F-6
Residential Towers - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Selenium	NA-TOWR-SO10-02	mg/kg	0.48	ND UL	10000	1000	390	39	0.6	NC
ILMO4.0	Silver	NA-TOWR-SO02-32	mg/kg	0.19	0.2	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TOWR-SO04-02	mg/kg	0.22	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TOWR-SO06-02	mg/kg	0.27	0.42	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TOWR-SO10-02	mg/kg	0.24	0.29	10000	1000	390	39	NC	NC
ILMO4.0	Sodium	NA-TOWR-SO02-32	mg/kg	19.1	2300	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TOWR-SO04-02	mg/kg	22	1830	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TOWR-SO06-02	mg/kg	27	650	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TOWR-SO10-02	mg/kg	23.8	778	.	.	.	.	2030	NS
ILMO4.0	Thallium	NA-TOWR-SO02-32	mg/kg	0.76	1.4	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TOWR-SO04-02	mg/kg	0.88	2.2	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TOWR-SO06-02	mg/kg	1.1	2.5 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TOWR-SO10-02	mg/kg	0.95	2.8 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Vanadium	NA-TOWR-SO02-32	mg/kg	0.19	147	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TOWR-SO04-02	mg/kg	0.22	194	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TOWR-SO06-02	mg/kg	0.27	362	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TOWR-SO10-02	mg/kg	0.24	269	14000	1400	550	55	219	NS
ILMO4.0	Zinc	NA-TOWR-SO02-32	mg/kg	0.19	51.7	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-TOWR-SO04-02	mg/kg	0.22	46.7	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-TOWR-SO06-02	mg/kg	0.27	125	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-TOWR-SO10-02	mg/kg	0.24	109	610000	61000	23000	2300	48.6	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-REF1-SO01-31	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO02-01	ug/kg	0.24	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO03-01	ug/kg	0.56	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO04-01	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO05-01	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO06-01	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDE	NA-REF1-SO01-31	ug/kg	0.26	5.3	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDE	NA-REF1-SO02-01	ug/kg	0.24	17	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDE	NA-REF1-SO03-01	ug/kg	5.6	990	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDE	NA-REF1-SO04-01	ug/kg	0.54	150	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDE	NA-REF1-SO05-01	ug/kg	0.27	0.86	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDE	NA-REF1-SO06-01	ug/kg	0.26	10	17000	17000	1900	1900	990	NA
OLM03.2	4,4'-DDT	NA-REF1-SO01-31	ug/kg	0.26	7.5 J	17000	17000	1900	1900	200	NA
OLM03.2	4,4'-DDT	NA-REF1-SO02-01	ug/kg	0.24	11 J	17000	17000	1900	1900	200	NA
OLM03.2	4,4'-DDT	NA-REF1-SO03-01	ug/kg	5.6	200 J	17000	17000	1900	1900	200	NA
OLM03.2	4,4'-DDT	NA-REF1-SO04-01	ug/kg	0.27	43	17000	17000	1900	1900	200	NA
OLM03.2	4,4'-DDT	NA-REF1-SO05-01	ug/kg	0.27	ND	17000	17000	1900	1900	200	NA
OLM03.2	4,4'-DDT	NA-REF1-SO06-01	ug/kg	0.26	6.9 J	17000	17000	1900	1900	200	NA
OLM03.2	Aldrin	NA-REF1-SO01-31	ug/kg	0.26	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO02-01	ug/kg	0.24	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO03-01	ug/kg	0.56	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO04-01	ug/kg	0.27	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO05-01	ug/kg	0.27	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO06-01	ug/kg	0.26	ND	340	340	38	38	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1248	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO01-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO02-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO03-01	ug/kg	0.56	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO04-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO05-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO06-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO01-31	ug/kg	0.26	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO02-01	ug/kg	0.24	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO03-01	ug/kg	0.56	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO04-01	ug/kg	0.27	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO05-01	ug/kg	0.27	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO06-01	ug/kg	0.26	ND	360	360	40	40	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO01-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO02-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO03-01	ug/kg	0.56	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO04-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO05-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO06-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO01-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO02-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO03-01	ug/kg	0.56	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO04-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO05-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO06-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO01-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO02-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO03-01	ug/kg	0.56	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO04-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO05-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO06-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endrin	NA-REF1-SO01-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO02-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO03-01	ug/kg	0.56	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO04-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO05-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO06-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO01-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO02-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	Endrin aldehyde	NA-REF1-SO03-01	ug/kg	0.56	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO04-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO05-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO06-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO01-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO02-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO03-01	ug/kg	0.56	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO04-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO05-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO06-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO01-31	ug/kg	0.26	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO02-01	ug/kg	0.24	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO03-01	ug/kg	0.56	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO04-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO05-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO06-01	ug/kg	0.26	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO01-31	ug/kg	0.26	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO02-01	ug/kg	0.24	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO03-01	ug/kg	0.56	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO04-01	ug/kg	0.27	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO05-01	ug/kg	0.27	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO06-01	ug/kg	0.26	ND	630	630	70	70	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO01-31	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO02-01	ug/kg	0.24	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO03-01	ug/kg	0.56	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO04-01	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO05-01	ug/kg	0.27	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO06-01	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO01-31	ug/kg	0.26	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO02-01	ug/kg	0.24	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO03-01	ug/kg	0.56	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO04-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO05-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO06-01	ug/kg	0.26	ND	5200	5200	580	580	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO01-31	ug/kg	0.26	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO02-01	ug/kg	0.24	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO03-01	ug/kg	0.56	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO04-01	ug/kg	0.27	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO05-01	ug/kg	0.27	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO06-01	ug/kg	0.26	ND	910	910	100	100	NC	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO01-31	ug/kg	0.26	0.87	16000	16000	1800	1800	0.87	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO02-01	ug/kg	0.24	ND	16000	16000	1800	1800	0.87	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO03-01	ug/kg	0.56	ND	16000	16000	1800	1800	0.87	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO04-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO05-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO06-01	ug/kg	0.26	ND	16000	16000	1800	1800	0.87	NA
OLM03.2	beta-BHC	NA-REF1-SO01-31	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO02-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO03-01	ug/kg	0.56	ND	3200	3200	350	350	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	beta-BHC	NA-REF1-SO04-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO05-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO06-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO01-31	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO02-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO03-01	ug/kg	0.56	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO04-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO05-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO06-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO01-31	ug/kg	0.26	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO02-01	ug/kg	0.24	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO03-01	ug/kg	0.56	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO04-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO05-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO06-01	ug/kg	0.26	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO01-31	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO02-01	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO03-01	ug/kg	0.56	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO04-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO05-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO06-01	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO01-31	ug/kg	53	ND	2E+07	2E+06	780000	78000	NC	NA
MO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO02-01	ug/kg	48	ND	2E+07	2E+06	780000	78000	NC	NA
LMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO03-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO04-01	ug/kg	54	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO05-01	ug/kg	54	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO06-01	ug/kg	52	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO01-31	ug/kg	53	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO02-01	ug/kg	48	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO03-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO04-01	ug/kg	54	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO05-01	ug/kg	54	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO06-01	ug/kg	52	ND	2E+08	2E+07	7E+06	700000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO01-31	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO02-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO03-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO04-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO05-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO06-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO01-31	ug/kg	53	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO02-01	ug/kg	48	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO03-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO04-01	ug/kg	54	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO05-01	ug/kg	54	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO06-01	ug/kg	52	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO01-31	ug/kg	53	ND	82000	82000	9100	9100	NC	NA
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO02-01	ug/kg	48	ND	82000	82000	9100	9100	NC	NA
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO03-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NA
MO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO04-01	ug/kg	54	ND	82000	82000	9100	9100	NC	NA
MO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO05-01	ug/kg	54	ND	82000	82000	9100	9100	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO06-01	ug/kg	52	ND	82000	82000	9100	9100	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO01-31	ug/kg	53	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO02-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO03-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO04-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO05-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO06-01	ug/kg	52	ND	2E+08	2E+07	8E+06	780000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO01-31	ug/kg	53	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO02-01	ug/kg	48	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO03-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO04-01	ug/kg	54	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO05-01	ug/kg	54	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO06-01	ug/kg	52	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO01-31	ug/kg	53	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO02-01	ug/kg	48	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO03-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO04-01	ug/kg	54	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO05-01	ug/kg	54	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO06-01	ug/kg	52	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO01-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO02-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO03-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO04-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO05-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO06-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO01-31	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO02-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO03-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO04-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO05-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO06-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO01-31	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO02-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO03-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO04-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO05-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO06-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO01-31	ug/kg	53	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO02-01	ug/kg	48	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO03-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO04-01	ug/kg	54	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO05-01	ug/kg	54	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO06-01	ug/kg	52	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO01-31	ug/kg	53	ND	2E+08	2E+07	6E+06	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO02-01	ug/kg	48	ND	2E+08	2E+07	6E+06	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO03-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO04-01	ug/kg	54	ND	2E+08	2E+07	6E+06	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO05-01	ug/kg	54	ND	2E+08	2E+07	6E+06	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO06-01	ug/kg	52	ND	2E+08	2E+07	6E+06	630000	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	2-Chlorophenol	NA-REF1-SO01-31	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO02-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO03-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO04-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO05-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO06-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO01-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO02-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO03-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO04-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO05-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO06-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO01-31	ug/kg	53	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO02-01	ug/kg	48	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO03-01	ug/kg	56	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO04-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO05-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO06-01	ug/kg	52	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO01-31	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO02-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO03-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO04-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO05-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO06-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO01-31	ug/kg	53	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO02-01	ug/kg	48	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO03-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO04-01	ug/kg	54	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO05-01	ug/kg	54	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO06-01	ug/kg	52	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO01-31	ug/kg	53	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO02-01	ug/kg	48	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO03-01	ug/kg	56	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO04-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO05-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO06-01	ug/kg	52	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO01-31	ug/kg	53	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO02-01	ug/kg	48	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO03-01	ug/kg	56	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO04-01	ug/kg	54	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO05-01	ug/kg	54	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO06-01	ug/kg	52	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO01-31	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO02-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO03-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO04-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO05-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO06-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO01-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO02-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO03-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO04-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO05-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO06-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO01-31	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO02-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO03-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO04-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO05-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO06-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO01-31	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO02-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO03-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO04-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO05-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO06-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO01-31	ug/kg	53	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO02-01	ug/kg	48	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO03-01	ug/kg	56	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO04-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO05-01	ug/kg	54	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO06-01	ug/kg	52	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO01-31	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO02-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO03-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO04-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO05-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO06-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO01-31	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO02-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO03-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO04-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO05-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO06-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO01-31	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO02-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO03-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO04-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO05-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO06-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO01-31	ug/kg	53	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO02-01	ug/kg	48	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO03-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO04-01	ug/kg	54	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO05-01	ug/kg	54	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO06-01	ug/kg	52	ND	6E+08	6E+07	2E+07	2E+06	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO01-31	ug/kg	53	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO02-01	ug/kg	48	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO03-01	ug/kg	56	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO04-01	ug/kg	54	ND	7800	7800	870	870	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO05-01	ug/kg	54	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO06-01	ug/kg	52	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO01-31	ug/kg	53	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO02-01	ug/kg	48	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO03-01	ug/kg	56	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO04-01	ug/kg	54	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO05-01	ug/kg	54	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO06-01	ug/kg	52	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO01-31	ug/kg	53	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO02-01	ug/kg	48	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO03-01	ug/kg	56	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO04-01	ug/kg	54	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO05-01	ug/kg	54	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO06-01	ug/kg	52	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO01-31	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO02-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO03-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO04-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO05-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO06-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO01-31	ug/kg	53	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO02-01	ug/kg	48	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO03-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO04-01	ug/kg	54	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO05-01	ug/kg	54	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO06-01	ug/kg	52	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO01-31	ug/kg	53	76	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO02-01	ug/kg	48	ND	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO03-01	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO04-01	ug/kg	54	ND	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO05-01	ug/kg	54	ND	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO06-01	ug/kg	52	83	4E+08	4E+07	2E+07	2E+06	83	NA
OLMO3.2	Carbazole	NA-REF1-SO01-31	ug/kg	53	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO02-01	ug/kg	48	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO03-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO04-01	ug/kg	54	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO05-01	ug/kg	54	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO06-01	ug/kg	52	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO01-31	ug/kg	53	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO02-01	ug/kg	48	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO03-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO04-01	ug/kg	54	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO05-01	ug/kg	54	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO06-01	ug/kg	52	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO01-31	ug/kg	53	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO02-01	ug/kg	48	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO03-01	ug/kg	56	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO04-01	ug/kg	54	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO05-01	ug/kg	54	ND	780	780	87	87	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO06-01	ug/kg	52	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO01-31	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO02-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO03-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO04-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO05-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO06-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO01-31	ug/kg	53	73	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO02-01	ug/kg	48	130	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO03-01	ug/kg	56	58	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO04-01	ug/kg	54	ND	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO05-01	ug/kg	54	61	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO06-01	ug/kg	52	66	2E+09	2E+08	6E+07	6E+06	194	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO01-31	ug/kg	53	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO02-01	ug/kg	48	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO03-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO04-01	ug/kg	54	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO05-01	ug/kg	54	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO06-01	ug/kg	52	ND	2E+10	2E+09	8E+08	8E+07	NC	NA
OLMO3.2	Fluoranthene	NA-REF1-SO01-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluoranthene	NA-REF1-SO02-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluoranthene	NA-REF1-SO03-01	ug/kg	56	60	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluoranthene	NA-REF1-SO04-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluoranthene	NA-REF1-SO05-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluoranthene	NA-REF1-SO06-01	ug/kg	52	55	8E+07	8E+06	3E+06	310000	60	NA
OLMO3.2	Fluorene	NA-REF1-SO01-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO02-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO03-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO04-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO05-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO06-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO01-31	ug/kg	53	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO02-01	ug/kg	48	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO03-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO04-01	ug/kg	54	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO05-01	ug/kg	54	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO06-01	ug/kg	52	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO01-31	ug/kg	53	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO02-01	ug/kg	48	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO03-01	ug/kg	56	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO04-01	ug/kg	54	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO05-01	ug/kg	54	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO06-01	ug/kg	52	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO01-31	ug/kg	53	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO02-01	ug/kg	48	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO03-01	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO04-01	ug/kg	54	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO05-01	ug/kg	54	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO06-01	ug/kg	52	ND	1E+07	1E+06	550000	55000	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachloroethane	NA-REF1-SO01-31	ug/kg	53	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO02-01	ug/kg	48	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO03-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO04-01	ug/kg	54	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO05-01	ug/kg	54	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO06-01	ug/kg	52	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO01-31	ug/kg	53	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO02-01	ug/kg	48	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO03-01	ug/kg	56	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO04-01	ug/kg	54	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO05-01	ug/kg	54	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO06-01	ug/kg	52	ND	7800	7800	870	870	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO01-31	ug/kg	53	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO02-01	ug/kg	48	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO03-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO04-01	ug/kg	54	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO05-01	ug/kg	54	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO06-01	ug/kg	52	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO01-31	ug/kg	53	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO02-01	ug/kg	48	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO03-01	ug/kg	56	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO04-01	ug/kg	54	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO05-01	ug/kg	54	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO06-01	ug/kg	52	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO01-31	ug/kg	53	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO02-01	ug/kg	48	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO03-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO04-01	ug/kg	54	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO05-01	ug/kg	54	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO06-01	ug/kg	52	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO01-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO02-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO03-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO04-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO05-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO06-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO01-31	ug/kg	53	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO02-01	ug/kg	48	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO03-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO04-01	ug/kg	54	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO05-01	ug/kg	54	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO06-01	ug/kg	52	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO01-31	ug/kg	53	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO02-01	ug/kg	48	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO03-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO04-01	ug/kg	54	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO05-01	ug/kg	54	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO06-01	ug/kg	52	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO01-31	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO02-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Phenanthrene	NA-REF1-SO03-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO04-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO05-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO06-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NA
OLMO3.2	Phenol	NA-REF1-SO01-31	ug/kg	53	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO02-01	ug/kg	48	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO03-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO04-01	ug/kg	54	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO05-01	ug/kg	54	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO06-01	ug/kg	52	ND	1E+09	1E+08	5E+07	5E+06	NC	NA
OLMO3.2	Pyrene	NA-REF1-SO01-31	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	Pyrene	NA-REF1-SO02-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	Pyrene	NA-REF1-SO03-01	ug/kg	56	70	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	Pyrene	NA-REF1-SO04-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	Pyrene	NA-REF1-SO05-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	Pyrene	NA-REF1-SO06-01	ug/kg	52	53	6E+07	6E+06	2E+06	230000	70	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO01-31	ug/kg	53	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO02-01	ug/kg	48	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO03-01	ug/kg	56	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO04-01	ug/kg	54	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO05-01	ug/kg	54	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO06-01	ug/kg	52	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO01-31	ug/kg	53	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO02-01	ug/kg	48	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO03-01	ug/kg	56	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO04-01	ug/kg	54	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO05-01	ug/kg	54	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO06-01	ug/kg	52	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO01-31	ug/kg	53	500	410000	410000	46000	46000	785	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO02-01	ug/kg	48	130	410000	410000	46000	46000	785	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO03-01	ug/kg	56	270	410000	410000	46000	46000	785	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO04-01	ug/kg	54	220	410000	410000	46000	46000	785	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO05-01	ug/kg	54	160	410000	410000	46000	46000	785	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO06-01	ug/kg	52	360	410000	410000	46000	46000	785	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO01-31	ug/kg	53	280	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO02-01	ug/kg	48	99	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO03-01	ug/kg	56	150	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO04-01	ug/kg	54	100	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO05-01	ug/kg	54	110	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO06-01	ug/kg	52	140	2E+08	2E+07	8E+06	780000	280	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO01-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO02-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO03-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO04-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO05-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO06-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO01-31	ug/kg	53	ND	1E+08	1E+07	4E+06	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO02-01	ug/kg	48	ND	1E+08	1E+07	4E+06	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO03-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO04-01	ug/kg	54	ND	1E+08	1E+07	4E+06	390000	NC	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	o-Cresol	NA-REF1-SO05-01	ug/kg	54	ND	1E+08	1E+07	4E+06	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO06-01	ug/kg	52	ND	1E+08	1E+07	4E+06	390000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO01-31	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO02-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO03-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO04-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO05-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO06-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO01-31	ng/kg	0.4	659 J	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO02-01	ng/kg	1	399	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO03-01	ng/kg	0.9	757	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO04-01	ng/kg	0.8	504	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO05-01	ng/kg	0.4	257 J	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO06-01	ng/kg	0.4	385 J	38000	38000	4300	4300	1180	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO01-31	ng/kg	0.3	136	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO02-01	ng/kg	0.9	39.8	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO03-01	ng/kg	0.7	82	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO04-01	ng/kg	0.7	91.5 J	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO05-01	ng/kg	0.3	38.2 J	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO06-01	ng/kg	0.3	61.6 J	38000	38000	4300	4300	212	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO01-31	ng/kg	0.2	156 J	3800	3800	430	430	235	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO02-01	ng/kg	0.7	56.7	3800	3800	430	430	235	NA
8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO03-01	ng/kg	0.6	112	3800	3800	430	430	235	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO04-01	ng/kg	0.5	91.8 J	3800	3800	430	430	235	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO05-01	ng/kg	0.4	53.9 J	3800	3800	430	430	235	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO06-01	ng/kg	0.3	71.3 J	3800	3800	430	430	235	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO01-31	ng/kg	0.2	172	3800	3800	430	430	258	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO02-01	ng/kg	0.5	42.2	3800	3800	430	430	258	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO03-01	ng/kg	0.4	86.1	3800	3800	430	430	258	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO04-01	ng/kg	0.4	79.9	3800	3800	430	430	258	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO05-01	ng/kg	0.3	46.4	3800	3800	430	430	258	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO06-01	ng/kg	0.3	61.3	3800	3800	430	430	258	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO01-31	ng/kg	0.2	27.5 J	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO02-01	ng/kg	0.7	5 J	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO03-01	ng/kg	0.6	11.5	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO04-01	ng/kg	0.6	12.1	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO05-01	ng/kg	0.4	8.4 J	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO06-01	ng/kg	0.5	7.1	3800	3800	430	430	41.9	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO01-31	ng/kg	0.2	9	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO02-01	ng/kg	0.5	2.5 J	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO03-01	ng/kg	0.5	4.8 J	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO04-01	ng/kg	0.4	3.6 J	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO05-01	ng/kg	0.4	2.5 J	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO06-01	ng/kg	0.4	5.4 J	380	380	43	43	13.7	NA
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO01-31	ng/kg	0.2	97.8	380	380	43	43	97.8	NA
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO02-01	ng/kg	0.4	18.7	380	380	43	43	97.8	NA
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO03-01	ng/kg	0.4	41.2	380	380	43	43	97.8	NA
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO04-01	ng/kg	0.4	34.4	380	380	43	43	97.8	NA
8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO05-01	ng/kg	0.3	18.9	380	380	43	43	97.8	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO06-01	ng/kg	0.2	28.3	380	380	43	43	97.8	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO01-31	ng/kg	0.2	19.7	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO02-01	ng/kg	0.5	5.6	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO03-01	ng/kg	0.4	11.3 J	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO04-01	ng/kg	0.3	9.8 J	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO05-01	ng/kg	0.3	6.4	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO06-01	ng/kg	0.4	9.3 J	380	380	43	43	29.1	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO01-31	ng/kg	0.1	41.2	380	380	43	43	41.2	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO02-01	ng/kg	0.4	8	380	380	43	43	41.2	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO03-01	ng/kg	0.3	17.9	380	380	43	43	41.2	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO04-01	ng/kg	0.3	15.2	380	380	43	43	41.2	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO05-01	ng/kg	0.3	8.7	380	380	43	43	41.2	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO06-01	ng/kg	0.2	12.6	380	380	43	43	41.2	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO01-31	ng/kg	0.2	23.3 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO02-01	ng/kg	0.5	8.2 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO03-01	ng/kg	0.4	14.2 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO04-01	ng/kg	0.3	10.7 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO05-01	ng/kg	0.3	11.7 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO06-01	ng/kg	0.4	19.5 J	380	380	43	43	35.9	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO01-31	ng/kg	0.2	3.8 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO02-01	ng/kg	0.5	0.97 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO03-01	ng/kg	0.5	1.1 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO04-01	ng/kg	0.5	0.99 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO05-01	ng/kg	0.4	1 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO06-01	ng/kg	0.3	0.88 J	380	380	43	43	3.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO01-31	ng/kg	0.2	9.8	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO02-01	ng/kg	0.5	3.2 J	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO03-01	ng/kg	0.5	5.1	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO04-01	ng/kg	0.4	4.6 J	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO05-01	ng/kg	0.4	3.3 J	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO06-01	ng/kg	0.3	4.1 J	76	76	8.6	8.6	9.8	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO01-31	ng/kg	0.1	20	760	760	86	86	30.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO02-01	ng/kg	0.4	5.7	760	760	86	86	30.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO03-01	ng/kg	0.4	10.8	760	760	86	86	30.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO04-01	ng/kg	0.4	7.7	760	760	86	86	30.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO05-01	ng/kg	0.3	3.8 J	760	760	86	86	30.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO06-01	ng/kg	0.3	7.2	760	760	86	86	30.6	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO01-31	ng/kg	0.2	101	380	380	43	43	101	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO02-01	ng/kg	0.5	14.8	380	380	43	43	101	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO03-01	ng/kg	0.4	39.7	380	380	43	43	101	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO04-01	ng/kg	0.4	33.6	380	380	43	43	101	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO05-01	ng/kg	0.3	19.8	380	380	43	43	101	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO06-01	ng/kg	0.3	26	380	380	43	43	101	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO01-31	ng/kg	0.1	37.4	76	76	8.6	8.6	37.4	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO02-01	ng/kg	0.4	7.9	76	76	8.6	8.6	37.4	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO03-01	ng/kg	0.4	16.6	76	76	8.6	8.6	37.4	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO04-01	ng/kg	0.4	13.2	76	76	8.6	8.6	37.4	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO05-01	ng/kg	0.3	6.3	76	76	8.6	8.6	37.4	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO06-01	ng/kg	0.3	12.7	76	76	8.6	8.6	37.4	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	2,3,7,8-TCDD	NA-REF1-SO01-31	ng/kg	0.1	1.5	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO02-01	ng/kg	0.4	0.47 J	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO03-01	ng/kg	0.3	0.86 J	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO04-01	ng/kg	0.3	0.73 J	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO05-01	ng/kg	0.3	ND	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO06-01	ng/kg	0.4	0.68 J	38	38	4.3	4.3	2.4	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO01-31	ng/kg	0.7	20.5	380	380	43	43	32.8	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO02-01	ng/kg	0.3	7.3	380	380	43	43	32.8	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO03-01	ng/kg	0.3	14.5	380	380	43	43	32.8	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO04-01	ng/kg	0.3	9.9	380	380	43	43	32.8	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO05-01	ng/kg	0.2	3.6	380	380	43	43	32.8	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO06-01	ng/kg	0.3	10.2	380	380	43	43	32.8	NA
SW8290	Total HpCDD	NA-REF1-SO01-31	ng/kg	0.2	318	.	.	.	.	488	NA
SW8290	Total HpCDD	NA-REF1-SO02-01	ng/kg	0.7	116	.	.	.	.	488	NA
SW8290	Total HpCDD	NA-REF1-SO03-01	ng/kg	0.6	234	.	.	.	.	488	NA
SW8290	Total HpCDD	NA-REF1-SO04-01	ng/kg	0.5	181	.	.	.	.	488	NA
SW8290	Total HpCDD	NA-REF1-SO05-01	ng/kg	0.4	107	.	.	.	.	488	NA
SW8290	Total HpCDD	NA-REF1-SO06-01	ng/kg	0.3	123	.	.	.	.	488	NA
SW8290	Total HpCDF	NA-REF1-SO01-31	ng/kg	0.2	323	.	.	.	.	487	NA
SW8290	Total HpCDF	NA-REF1-SO02-01	ng/kg	0.6	78.9	.	.	.	.	487	NA
SW8290	Total HpCDF	NA-REF1-SO03-01	ng/kg	0.5	160	.	.	.	.	487	NA
SW8290	Total HpCDF	NA-REF1-SO04-01	ng/kg	0.5	155	.	.	.	.	487	NA
SW8290	Total HpCDF	NA-REF1-SO05-01	ng/kg	0.3	87.6	.	.	.	.	487	NA
SW8290	Total HpCDF	NA-REF1-SO06-01	ng/kg	0.4	105	.	.	.	.	487	NA
SW8290	Total HxCDD	NA-REF1-SO01-31	ng/kg	0.2	239	.	.	.	.	362	NA
SW8290	Total HxCDD	NA-REF1-SO02-01	ng/kg	0.5	68.6	.	.	.	.	362	NA
SW8290	Total HxCDD	NA-REF1-SO03-01	ng/kg	0.4	130	.	.	.	.	362	NA
SW8290	Total HxCDD	NA-REF1-SO04-01	ng/kg	0.3	92.6	.	.	.	.	362	NA
SW8290	Total HxCDD	NA-REF1-SO05-01	ng/kg	0.3	72	.	.	.	.	362	NA
SW8290	Total HxCDD	NA-REF1-SO06-01	ng/kg	0.4	145	.	.	.	.	362	NA
SW8290	Total HxCDF	NA-REF1-SO01-31	ng/kg	0.2	535	.	.	.	.	535	NA
SW8290	Total HxCDF	NA-REF1-SO02-01	ng/kg	0.5	98.5	.	.	.	.	535	NA
SW8290	Total HxCDF	NA-REF1-SO03-01	ng/kg	0.4	216	.	.	.	.	535	NA
SW8290	Total HxCDF	NA-REF1-SO04-01	ng/kg	0.4	186	.	.	.	.	535	NA
SW8290	Total HxCDF	NA-REF1-SO05-01	ng/kg	0.3	95.6	.	.	.	.	535	NA
SW8290	Total HxCDF	NA-REF1-SO06-01	ng/kg	0.2	149	.	.	.	.	535	NA
SW8290	Total PeCDD	NA-REF1-SO01-31	ng/kg	0.2	205	.	.	.	.	205	NA
SW8290	Total PeCDD	NA-REF1-SO02-01	ng/kg	0.5	24.5	.	.	.	.	205	NA
SW8290	Total PeCDD	NA-REF1-SO03-01	ng/kg	0.5	49	.	.	.	.	205	NA
SW8290	Total PeCDD	NA-REF1-SO04-01	ng/kg	0.4	29.8	.	.	.	.	205	NA
SW8290	Total PeCDD	NA-REF1-SO05-01	ng/kg	0.4	35.1	.	.	.	.	205	NA
SW8290	Total PeCDD	NA-REF1-SO06-01	ng/kg	0.3	27.9	.	.	.	.	205	NA
SW8290	Total PeCDF	NA-REF1-SO01-31	ng/kg	0.1	608	.	.	.	.	608	NA
SW8290	Total PeCDF	NA-REF1-SO02-01	ng/kg	0.4	106	.	.	.	.	608	NA
SW8290	Total PeCDF	NA-REF1-SO03-01	ng/kg	0.4	221	.	.	.	.	608	NA
SW8290	Total PeCDF	NA-REF1-SO04-01	ng/kg	0.4	173	.	.	.	.	608	NA
SW8290	Total PeCDF	NA-REF1-SO05-01	ng/kg	0.3	75.9	.	.	.	.	608	NA
SW8290	Total PeCDF	NA-REF1-SO06-01	ng/kg	0.3	147	.	.	.	.	608	NA
SW8290	Total TCDD	NA-REF1-SO01-31	ng/kg	0.1	152	.	.	.	.	152	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	Total TCDD	NA-REF1-SO02-01	ng/kg	0.4	27.3	.	.	.	.	152	NA
SW8290	Total TCDD	NA-REF1-SO03-01	ng/kg	0.3	53.5	.	.	.	.	152	NA
SW8290	Total TCDD	NA-REF1-SO04-01	ng/kg	0.3	43.4	.	.	.	.	152	NA
SW8290	Total TCDD	NA-REF1-SO05-01	ng/kg	0.3	21.3	.	.	.	.	152	NA
SW8290	Total TCDD	NA-REF1-SO06-01	ng/kg	0.4	34.8	.	.	.	.	152	NA
SW8290	Total TCDF	NA-REF1-SO01-31	ng/kg	0.1	522	.	.	.	.	522	NA
SW8290	Total TCDF	NA-REF1-SO02-01	ng/kg	0.3	108	.	.	.	.	522	NA
SW8290	Total TCDF	NA-REF1-SO03-01	ng/kg	0.3	206	.	.	.	.	522	NA
SW8290	Total TCDF	NA-REF1-SO04-01	ng/kg	0.3	148	.	.	.	.	522	NA
SW8290	Total TCDF	NA-REF1-SO05-01	ng/kg	0.3	60.4	.	.	.	.	522	NA
SW8290	Total TCDF	NA-REF1-SO06-01	ng/kg	0.3	138	.	.	.	.	522	NA
ILM04.0	Cyanide	NA-REF1-SO01-31	mg/kg	0.38	0.6	41000	4100	1600	160	1.08	NA
ILM04.0	Cyanide	NA-REF1-SO02-01	mg/kg	0.35	ND	41000	4100	1600	160	1.08	NA
ILM04.0	Cyanide	NA-REF1-SO03-01	mg/kg	0.35	ND	41000	4100	1600	160	1.08	NA
ILM04.0	Cyanide	NA-REF1-SO04-01	mg/kg	0.38	0.44	41000	4100	1600	160	1.08	NA
ILM04.0	Cyanide	NA-REF1-SO05-01	mg/kg	0.38	0.43	41000	4100	1600	160	1.08	NA
ILM04.0	Cyanide	NA-REF1-SO06-01	mg/kg	0.35	0.56	41000	4100	1600	160	1.08	NA
ILMO4.0	Aluminum	NA-REF1-SO01-31	mg/kg	2.5	39900	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Aluminum	NA-REF1-SO02-01	mg/kg	2.1	49100	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Aluminum	NA-REF1-SO03-01	mg/kg	2.5	46400	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Aluminum	NA-REF1-SO04-01	mg/kg	2.4	48400	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Aluminum	NA-REF1-SO05-01	mg/kg	2.5	57200	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Aluminum	NA-REF1-SO06-01	mg/kg	2.4	56800	2E+06	200000	78000	7800	74000	NA
ILMO4.0	Antimony	NA-REF1-SO01-31	mg/kg	0.62	1.5 J	820	82	31	3.1	2.4	NA
ILMO4.0	Antimony	NA-REF1-SO02-01	mg/kg	0.52	1.4 J	820	82	31	3.1	2.4	NA
ILMO4.0	Antimony	NA-REF1-SO03-01	mg/kg	0.62	1.5 J	820	82	31	3.1	2.4	NA
ILMO4.0	Antimony	NA-REF1-SO04-01	mg/kg	0.61	1.5 J	820	82	31	3.1	2.4	NA
ILMO4.0	Antimony	NA-REF1-SO05-01	mg/kg	0.62	1.5 J	820	82	31	3.1	2.4	NA
ILMO4.0	Antimony	NA-REF1-SO06-01	mg/kg	0.6	2.4 J	820	82	31	3.1	2.4	NA
ILMO4.0	Arsenic	NA-REF1-SO01-31	mg/kg	0.83	3.7	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Arsenic	NA-REF1-SO02-01	mg/kg	0.7	3.5	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Arsenic	NA-REF1-SO03-01	mg/kg	0.82	3.9	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Arsenic	NA-REF1-SO04-01	mg/kg	0.82	3.5	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Arsenic	NA-REF1-SO05-01	mg/kg	0.83	2.9	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Arsenic	NA-REF1-SO06-01	mg/kg	0.79	5.2	3.8	3.8	0.43	0.43	6.64	NA
ILMO4.0	Barium	NA-REF1-SO01-31	mg/kg	0.21	96.9 K	140000	14000	5500	550	130	NA
ILMO4.0	Barium	NA-REF1-SO02-01	mg/kg	0.17	65.9 K	140000	14000	5500	550	130	NA
ILMO4.0	Barium	NA-REF1-SO03-01	mg/kg	0.21	79 K	140000	14000	5500	550	130	NA
ILMO4.0	Barium	NA-REF1-SO04-01	mg/kg	0.2	88.3 K	140000	14000	5500	550	130	NA
ILMO4.0	Barium	NA-REF1-SO05-01	mg/kg	0.21	64.8 K	140000	14000	5500	550	130	NA
ILMO4.0	Barium	NA-REF1-SO06-01	mg/kg	0.2	60.2 K	140000	14000	5500	550	130	NA
ILMO4.0	Beryllium	NA-REF1-SO01-31	mg/kg	0.21	0.25	4100	410	160	16	0.25	NA
ILMO4.0	Beryllium	NA-REF1-SO02-01	mg/kg	0.17	ND	4100	410	160	16	0.25	NA
ILMO4.0	Beryllium	NA-REF1-SO03-01	mg/kg	0.21	ND	4100	410	160	16	0.25	NA
ILMO4.0	Beryllium	NA-REF1-SO04-01	mg/kg	0.2	ND	4100	410	160	16	0.25	NA
ILMO4.0	Beryllium	NA-REF1-SO05-01	mg/kg	0.21	ND	4100	410	160	16	0.25	NA
ILMO4.0	Beryllium	NA-REF1-SO06-01	mg/kg	0.2	ND	4100	410	160	16	0.25	NA
ILMO4.0	Cadmium	NA-REF1-SO01-31	mg/kg	0.21	0.76 K	1000	100	39	3.9	1.26	NA
ILMO4.0	Cadmium	NA-REF1-SO02-01	mg/kg	0.17	0.69 K	1000	100	39	3.9	1.26	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Cadmium	NA-REF1-SO03-01	mg/kg	0.21	1 K	1000	100	39	3.9	1.26	NA
ILMO4.0	Cadmium	NA-REF1-SO04-01	mg/kg	0.2	0.75 K	1000	100	39	3.9	1.26	NA
ILMO4.0	Cadmium	NA-REF1-SO05-01	mg/kg	0.21	0.65 K	1000	100	39	3.9	1.26	NA
ILMO4.0	Cadmium	NA-REF1-SO06-01	mg/kg	0.2	0.87 K	1000	100	39	3.9	1.26	NA
ILMO4.0	Calcium	NA-REF1-SO01-31	mg/kg	5.4	12800	.	.	.	.	15400	NA
ILMO4.0	Calcium	NA-REF1-SO02-01	mg/kg	4.5	11500	.	.	.	.	15400	NA
ILMO4.0	Calcium	NA-REF1-SO03-01	mg/kg	5.4	11300	.	.	.	.	15400	NA
ILMO4.0	Calcium	NA-REF1-SO04-01	mg/kg	5.3	9420	.	.	.	.	15400	NA
ILMO4.0	Calcium	NA-REF1-SO05-01	mg/kg	5.4	9980	.	.	.	.	15400	NA
ILMO4.0	Calcium	NA-REF1-SO06-01	mg/kg	5.2	11100	.	.	.	.	15400	NA
ILMO4.0	Chromium	NA-REF1-SO01-31	mg/kg	0.21	30.3	10000	1000	390	39	39.9	NA
ILMO4.0	Chromium	NA-REF1-SO02-01	mg/kg	0.17	26.4	10000	1000	390	39	39.9	NA
ILMO4.0	Chromium	NA-REF1-SO03-01	mg/kg	0.21	30.5	10000	1000	390	39	39.9	NA
ILMO4.0	Chromium	NA-REF1-SO04-01	mg/kg	0.2	29.1	10000	1000	390	39	39.9	NA
ILMO4.0	Chromium	NA-REF1-SO05-01	mg/kg	0.21	34.5	10000	1000	390	39	39.9	NA
ILMO4.0	Chromium	NA-REF1-SO06-01	mg/kg	0.2	30.1	10000	1000	390	39	39.9	NA
ILMO4.0	Cobalt	NA-REF1-SO01-31	mg/kg	0.21	19.6	120000	12000	4700	470	28.9	NA
ILMO4.0	Cobalt	NA-REF1-SO02-01	mg/kg	0.17	21.7	120000	12000	4700	470	28.9	NA
ILMO4.0	Cobalt	NA-REF1-SO03-01	mg/kg	0.21	21.9	120000	12000	4700	470	28.9	NA
ILMO4.0	Cobalt	NA-REF1-SO04-01	mg/kg	0.2	22.1	120000	12000	4700	470	28.9	NA
ILMO4.0	Cobalt	NA-REF1-SO05-01	mg/kg	0.21	24.9	120000	12000	4700	470	28.9	NA
ILMO4.0	Cobalt	NA-REF1-SO06-01	mg/kg	0.2	23.4	120000	12000	4700	470	28.9	NA
ILMO4.0	Copper	NA-REF1-SO01-31	mg/kg	0.21	90	82000	8200	3100	310	134	NA
ILMO4.0	Copper	NA-REF1-SO02-01	mg/kg	0.17	100	82000	8200	3100	310	134	NA
ILMO4.0	Copper	NA-REF1-SO03-01	mg/kg	0.21	92.4	82000	8200	3100	310	134	NA
ILMO4.0	Copper	NA-REF1-SO04-01	mg/kg	0.2	102	82000	8200	3100	310	134	NA
ILMO4.0	Copper	NA-REF1-SO05-01	mg/kg	0.21	115	82000	8200	3100	310	134	NA
ILMO4.0	Copper	NA-REF1-SO06-01	mg/kg	0.2	105	82000	8200	3100	310	134	NA
ILMO4.0	Iron	NA-REF1-SO01-31	mg/kg	2.9	38000	610000	61000	23000	2300	60600	NA
ILMO4.0	Iron	NA-REF1-SO02-01	mg/kg	2.4	43400	610000	61000	23000	2300	60600	NA
ILMO4.0	Iron	NA-REF1-SO03-01	mg/kg	2.9	42500	610000	61000	23000	2300	60600	NA
ILMO4.0	Iron	NA-REF1-SO04-01	mg/kg	2.9	43600	610000	61000	23000	2300	60600	NA
ILMO4.0	Iron	NA-REF1-SO05-01	mg/kg	2.9	50600	610000	61000	23000	2300	60600	NA
ILMO4.0	Iron	NA-REF1-SO06-01	mg/kg	2.8	47800	610000	61000	23000	2300	60600	NA
ILMO4.0	Lead	NA-REF1-SO01-31	mg/kg	0.41	39.7	400	400	400	400	95.5	NA
ILMO4.0	Lead	NA-REF1-SO02-01	mg/kg	0.35	27.8	400	400	400	400	95.5	NA
ILMO4.0	Lead	NA-REF1-SO03-01	mg/kg	0.41	57.3	400	400	400	400	95.5	NA
ILMO4.0	Lead	NA-REF1-SO04-01	mg/kg	0.41	50	400	400	400	400	95.5	NA
ILMO4.0	Lead	NA-REF1-SO05-01	mg/kg	0.42	13.8	400	400	400	400	95.5	NA
ILMO4.0	Lead	NA-REF1-SO06-01	mg/kg	0.4	38.2	400	400	400	400	95.5	NA
ILMO4.0	Magnesium	NA-REF1-SO01-31	mg/kg	1.9	11300	.	.	.	.	12400	NA
ILMO4.0	Magnesium	NA-REF1-SO02-01	mg/kg	1.6	11300	.	.	.	.	12400	NA
ILMO4.0	Magnesium	NA-REF1-SO03-01	mg/kg	1.8	11700	.	.	.	.	12400	NA
ILMO4.0	Magnesium	NA-REF1-SO04-01	mg/kg	1.8	11000	.	.	.	.	12400	NA
ILMO4.0	Magnesium	NA-REF1-SO05-01	mg/kg	1.9	11700	.	.	.	.	12400	NA
ILMO4.0	Magnesium	NA-REF1-SO06-01	mg/kg	1.8	11400	.	.	.	.	12400	NA
ILMO4.0	Manganese	NA-REF1-SO01-31	mg/kg	0.21	682	41000	4100	1600	160	1050	NA
ILMO4.0	Manganese	NA-REF1-SO02-01	mg/kg	0.17	767	41000	4100	1600	160	1050	NA
ILMO4.0	Manganese	NA-REF1-SO03-01	mg/kg	0.21	787	41000	4100	1600	160	1050	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Manganese	NA-REF1-SO04-01	mg/kg	0.2	837	41000	4100	1600	160	1050	NA
ILMO4.0	Manganese	NA-REF1-SO05-01	mg/kg	0.21	875	41000	4100	1600	160	1050	NA
ILMO4.0	Manganese	NA-REF1-SO06-01	mg/kg	0.2	832	41000	4100	1600	160	1050	NA
ILMO4.0	Mercury	NA-REF1-SO01-31	mg/kg	0.03	0.12	200	20	7.8	0.78	0.228	NA
ILMO4.0	Mercury	NA-REF1-SO02-01	mg/kg	0.02	0.09	200	20	7.8	0.78	0.228	NA
ILMO4.0	Mercury	NA-REF1-SO03-01	mg/kg	0.03	0.14	200	20	7.8	0.78	0.228	NA
ILMO4.0	Mercury	NA-REF1-SO04-01	mg/kg	0.03	0.12	200	20	7.8	0.78	0.228	NA
ILMO4.0	Mercury	NA-REF1-SO05-01	mg/kg	0.03	0.06	200	20	7.8	0.78	0.228	NA
ILMO4.0	Mercury	NA-REF1-SO06-01	mg/kg	0.02	0.14	200	20	7.8	0.78	0.228	NA
ILMO4.0	Nickel	NA-REF1-SO01-31	mg/kg	0.41	33.9	41000	4100	1600	160	39.5	NA
ILMO4.0	Nickel	NA-REF1-SO02-01	mg/kg	0.35	30.5	41000	4100	1600	160	39.5	NA
ILMO4.0	Nickel	NA-REF1-SO03-01	mg/kg	0.41	35.4	41000	4100	1600	160	39.5	NA
ILMO4.0	Nickel	NA-REF1-SO04-01	mg/kg	0.41	33.2	41000	4100	1600	160	39.5	NA
ILMO4.0	Nickel	NA-REF1-SO05-01	mg/kg	0.42	33.5	41000	4100	1600	160	39.5	NA
ILMO4.0	Nickel	NA-REF1-SO06-01	mg/kg	0.4	34.1	41000	4100	1600	160	39.5	NA
ILMO4.0	Potassium	NA-REF1-SO01-31	mg/kg	1.2	525	.	.	.	.	643	NA
ILMO4.0	Potassium	NA-REF1-SO02-01	mg/kg	1	372	.	.	.	.	643	NA
ILMO4.0	Potassium	NA-REF1-SO03-01	mg/kg	1.2	400	.	.	.	.	643	NA
ILMO4.0	Potassium	NA-REF1-SO04-01	mg/kg	1.2	435	.	.	.	.	643	NA
ILMO4.0	Potassium	NA-REF1-SO05-01	mg/kg	1.2	363	.	.	.	.	643	NA
ILMO4.0	Potassium	NA-REF1-SO06-01	mg/kg	1.2	362	.	.	.	.	643	NA
ILMO4.0	Selenium	NA-REF1-SO01-31	mg/kg	0.41	0.61 L	10000	1000	390	39	0.794	NA
ILMO4.0	Selenium	NA-REF1-SO02-01	mg/kg	0.35	0.61 L	10000	1000	390	39	0.794	NA
ILMO4.0	Selenium	NA-REF1-SO03-01	mg/kg	0.41	0.56 L	10000	1000	390	39	0.794	NA
ILMO4.0	Selenium	NA-REF1-SO04-01	mg/kg	0.41	0.52 L	10000	1000	390	39	0.794	NA
ILMO4.0	Selenium	NA-REF1-SO05-01	mg/kg	0.42	0.52 L	10000	1000	390	39	0.794	NA
ILMO4.0	Selenium	NA-REF1-SO06-01	mg/kg	0.4	0.43 L	10000	1000	390	39	0.794	NA
ILMO4.0	Silver	NA-REF1-SO01-31	mg/kg	0.21	0.3	10000	1000	390	39	0.61	NA
ILMO4.0	Silver	NA-REF1-SO02-01	mg/kg	0.17	0.27	10000	1000	390	39	0.61	NA
ILMO4.0	Silver	NA-REF1-SO03-01	mg/kg	0.21	0.38	10000	1000	390	39	0.61	NA
ILMO4.0	Silver	NA-REF1-SO04-01	mg/kg	0.2	0.61	10000	1000	390	39	0.61	NA
ILMO4.0	Silver	NA-REF1-SO05-01	mg/kg	0.21	0.27	10000	1000	390	39	0.61	NA
ILMO4.0	Silver	NA-REF1-SO06-01	mg/kg	0.2	0.37	10000	1000	390	39	0.61	NA
ILMO4.0	Sodium	NA-REF1-SO01-31	mg/kg	20.7	1670	.	.	.	.	2430	NA
ILMO4.0	Sodium	NA-REF1-SO02-01	mg/kg	17.5	1990	.	.	.	.	2430	NA
ILMO4.0	Sodium	NA-REF1-SO03-01	mg/kg	20.6	1790	.	.	.	.	2430	NA
ILMO4.0	Sodium	NA-REF1-SO04-01	mg/kg	20.4	1470	.	.	.	.	2430	NA
ILMO4.0	Sodium	NA-REF1-SO05-01	mg/kg	20.8	1730	.	.	.	.	2430	NA
ILMO4.0	Sodium	NA-REF1-SO06-01	mg/kg	19.9	1900	.	.	.	.	2430	NA
ILMO4.0	Thallium	NA-REF1-SO01-31	mg/kg	0.83	1.3 L	140	14	5.5	0.55	1.82	NA
ILMO4.0	Thallium	NA-REF1-SO02-01	mg/kg	0.7	0.93	140	14	5.5	0.55	1.82	NA
ILMO4.0	Thallium	NA-REF1-SO03-01	mg/kg	0.82	0.85 L	140	14	5.5	0.55	1.82	NA
ILMO4.0	Thallium	NA-REF1-SO04-01	mg/kg	0.82	1.1 L	140	14	5.5	0.55	1.82	NA
ILMO4.0	Thallium	NA-REF1-SO05-01	mg/kg	0.83	1.2 L	140	14	5.5	0.55	1.82	NA
ILMO4.0	Thallium	NA-REF1-SO06-01	mg/kg	0.79	1.3 L	140	14	5.5	0.55	1.82	NA
ILMO4.0	Vanadium	NA-REF1-SO01-31	mg/kg	0.21	148	14000	1400	550	55	268	NA
ILMO4.0	Vanadium	NA-REF1-SO02-01	mg/kg	0.17	176 L	14000	1400	550	55	268	NA
ILMO4.0	Vanadium	NA-REF1-SO03-01	mg/kg	0.21	175	14000	1400	550	55	268	NA
ILMO4.0	Vanadium	NA-REF1-SO04-01	mg/kg	0.2	180	14000	1400	550	55	268	NA

Appendix F-7
Reference Area 1 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industiral		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Vanadium	NA-REF1-SO05-01	mg/kg	0.21	215	14000	1400	550	55	268	NA
ILMO4.0	Vanadium	NA-REF1-SO06-01	mg/kg	0.2	200	14000	1400	550	55	268	NA
ILMO4.0	Zinc	NA-REF1-SO01-31	mg/kg	0.21	124	610000	61000	23000	2300	224	NA
ILMO4.0	Zinc	NA-REF1-SO02-01	mg/kg	0.17	78.4	610000	61000	23000	2300	224	NA
ILMO4.0	Zinc	NA-REF1-SO03-01	mg/kg	0.21	156	610000	61000	23000	2300	224	NA
ILMO4.0	Zinc	NA-REF1-SO04-01	mg/kg	0.2	115	610000	61000	23000	2300	224	NA
ILMO4.0	Zinc	NA-REF1-SO05-01	mg/kg	0.21	71	610000	61000	23000	2300	224	NA
ILMO4.0	Zinc	NA-REF1-SO06-01	mg/kg	0.2	96.9	610000	61000	23000	2300	224	NA
300	Chloride	NA-REF1-SO01-31	mg/kg	0.79	2.11	200000	20000	7800	780	5.16	NA
300	Chloride	NA-REF1-SO02-01	mg/kg	0.72	2.26	200000	20000	7800	780	5.16	NA
300	Chloride	NA-REF1-SO03-01	mg/kg	0.83	3.76	200000	20000	7800	780	5.16	NA
300	Chloride	NA-REF1-SO04-01	mg/kg	0.81	1.56	200000	20000	7800	780	5.16	NA
300	Chloride	NA-REF1-SO05-01	mg/kg	0.81	2.12	200000	20000	7800	780	5.16	NA
300	Chloride	NA-REF1-SO06-01	mg/kg	0.78	1.72	200000	20000	7800	780	5.16	NA
300	Fluoride	NA-REF1-SO01-31	mg/kg	0.39	0.763	120000	12000	4700	470	0.763	NA
300	Fluoride	NA-REF1-SO02-01	mg/kg	0.36	ND	120000	12000	4700	470	0.763	NA
300	Fluoride	NA-REF1-SO03-01	mg/kg	0.41	ND	120000	12000	4700	470	0.763	NA
300	Fluoride	NA-REF1-SO04-01	mg/kg	0.4	ND	120000	12000	4700	470	0.763	NA
300	Fluoride	NA-REF1-SO05-01	mg/kg	0.4	ND	120000	12000	4700	470	0.763	NA
300	Fluoride	NA-REF1-SO06-01	mg/kg	0.39	ND	120000	12000	4700	470	0.763	NA
353.2	Nitrate	NA-REF1-SO01-31	mg/kg	0.79	6.4	3E+06	330000	130000	13000	15.5	NA
353.2	Nitrate	NA-REF1-SO02-01	mg/kg	0.72	3.33	3E+06	330000	130000	13000	15.5	NA
353.2	Nitrate	NA-REF1-SO03-01	mg/kg	0.83	ND	3E+06	330000	130000	13000	15.5	NA
353.2	Nitrate	NA-REF1-SO04-01	mg/kg	0.81	5.39	3E+06	330000	130000	13000	15.5	NA
353.2	Nitrate	NA-REF1-SO05-01	mg/kg	0.81	6.51	3E+06	330000	130000	13000	15.5	NA
353.2	Nitrate	NA-REF1-SO06-01	mg/kg	0.78	8.33	3E+06	330000	130000	13000	15.5	NA

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-REF1-SO02-02	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO04-02	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDD	NA-REF1-SO06-02	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NA
OLM03.2	4,4'-DDE	NA-REF1-SO02-02	ug/kg	0.26	1.1	17000	17000	1900	1900	5.8	NA
OLM03.2	4,4'-DDE	NA-REF1-SO04-02	ug/kg	0.25	5.8	17000	17000	1900	1900	5.8	NA
OLM03.2	4,4'-DDE	NA-REF1-SO06-02	ug/kg	0.25	0.99	17000	17000	1900	1900	5.8	NA
OLM03.2	4,4'-DDT	NA-REF1-SO02-02	ug/kg	0.26	0.8	17000	17000	1900	1900	1.7	NA
OLM03.2	4,4'-DDT	NA-REF1-SO04-02	ug/kg	0.25	1.7	17000	17000	1900	1900	1.7	NA
OLM03.2	4,4'-DDT	NA-REF1-SO06-02	ug/kg	0.25	ND	17000	17000	1900	1900	1.7	NA
OLM03.2	Aldrin	NA-REF1-SO02-02	ug/kg	0.26	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO04-02	ug/kg	0.25	ND	340	340	38	38	NC	NA
OLM03.2	Aldrin	NA-REF1-SO06-02	ug/kg	0.25	ND	340	340	38	38	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1016	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1221	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1232	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1242	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1248	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1254	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO02-02	ug/kg	0.26	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO04-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Aroclor-1260	NA-REF1-SO06-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO02-02	ug/kg	0.26	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO04-02	ug/kg	0.25	ND	360	360	40	40	NC	NA
OLM03.2	Dieldrin	NA-REF1-SO06-02	ug/kg	0.25	ND	360	360	40	40	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO02-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO04-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan I	NA-REF1-SO06-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO02-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO04-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan II	NA-REF1-SO06-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO02-02	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO04-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endosulfan sulfate	NA-REF1-SO06-02	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NA
OLM03.2	Endrin	NA-REF1-SO02-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO04-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin	NA-REF1-SO06-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO02-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endrin aldehyde	NA-REF1-SO04-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin aldehyde	NA-REF1-SO06-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO02-02	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO04-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Endrin ketone	NA-REF1-SO06-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO02-02	ug/kg	0.26	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO04-02	ug/kg	0.25	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor	NA-REF1-SO06-02	ug/kg	0.25	ND	1300	1300	140	140	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO02-02	ug/kg	0.26	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO04-02	ug/kg	0.25	ND	630	630	70	70	NC	NA
OLM03.2	Heptachlor epoxide	NA-REF1-SO06-02	ug/kg	0.25	ND	630	630	70	70	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO02-02	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO04-02	ug/kg	0.25	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Methoxychlor	NA-REF1-SO06-02	ug/kg	0.25	ND	1E+07	1E+06	390000	39000	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO02-02	ug/kg	0.26	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO04-02	ug/kg	0.25	ND	5200	5200	580	580	NC	NA
OLM03.2	Toxaphene	NA-REF1-SO06-02	ug/kg	0.25	ND	5200	5200	580	580	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO02-02	ug/kg	0.26	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO04-02	ug/kg	0.25	ND	910	910	100	100	NC	NA
OLM03.2	alpha-BHC	NA-REF1-SO06-02	ug/kg	0.25	ND	910	910	100	100	NC	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO02-02	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NA
OLM03.2	alpha-Chlordane	NA-REF1-SO04-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NA
[redacted]03.2	alpha-Chlordane	NA-REF1-SO06-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NA
[redacted]M03.2	beta-BHC	NA-REF1-SO02-02	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO04-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NA
OLM03.2	beta-BHC	NA-REF1-SO06-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO02-02	ug/kg	0.26	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO04-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NA
OLM03.2	delta-BHC	NA-REF1-SO06-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO02-02	ug/kg	0.26	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO04-02	ug/kg	0.25	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-BHC(Lindane)	NA-REF1-SO06-02	ug/kg	0.25	ND	4400	4400	490	490	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO02-02	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO04-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NA
OLM03.2	gamma-Chlordane	NA-REF1-SO06-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO02-02	ug/kg	51	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO04-02	ug/kg	51	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF1-SO06-02	ug/kg	51	ND	2E+07	2E+06	780000	78000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO02-02	ug/kg	51	ND	2E+08	2E+07	7000000	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO04-02	ug/kg	51	ND	2E+08	2E+07	7000000	700000	NC	NA
OLMO3.2	1,2-Dichlorobenzene	NA-REF1-SO06-02	ug/kg	51	ND	2E+08	2E+07	7000000	700000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO02-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO04-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	1,3-Dichlorobenzene	NA-REF1-SO06-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO02-02	ug/kg	51	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO04-02	ug/kg	51	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	1,4-Dichlorobenzene	NA-REF1-SO06-02	ug/kg	51	ND	240000	240000	27000	27000	NC	NA
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO02-02	ug/kg	51	ND	82000	82000	9100	9100	NC	NA
[redacted]O3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO04-02	ug/kg	51	ND	82000	82000	9100	9100	NC	NA
[redacted]O3.2	2,2'-oxybis(1-chloropropane)	NA-REF1-SO06-02	ug/kg	51	ND	82000	82000	9100	9100	NC	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO02-02	ug/kg	51	ND	2E+08	2E+07	7800000	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO04-02	ug/kg	51	ND	2E+08	2E+07	7800000	780000	NC	NA
OLMO3.2	2,4,5-Trichlorophenol	NA-REF1-SO06-02	ug/kg	51	ND	2E+08	2E+07	7800000	780000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO02-02	ug/kg	51	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO04-02	ug/kg	51	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4,6-Trichlorophenol	NA-REF1-SO06-02	ug/kg	51	ND	520000	520000	58000	58000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO02-02	ug/kg	51	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO04-02	ug/kg	51	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dichlorophenol	NA-REF1-SO06-02	ug/kg	51	ND	6E+06	610000	230000	23000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO02-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO04-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	2,4-Dimethylphenol	NA-REF1-SO06-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO02-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO04-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrophenol	NA-REF1-SO06-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO02-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO04-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,4-Dinitrotoluene	NA-REF1-SO06-02	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO02-02	ug/kg	51	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO04-02	ug/kg	51	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2,6-Dinitrotoluene	NA-REF1-SO06-02	ug/kg	51	ND	2E+06	200000	78000	7800	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO02-02	ug/kg	51	ND	2E+08	2E+07	6300000	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO04-02	ug/kg	51	ND	2E+08	2E+07	6300000	630000	NC	NA
OLMO3.2	2-Chloronaphthalene	NA-REF1-SO06-02	ug/kg	51	ND	2E+08	2E+07	6300000	630000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO02-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO04-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Chlorophenol	NA-REF1-SO06-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO02-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO04-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	2-Methylnaphthalene	NA-REF1-SO06-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO02-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO04-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitroaniline	NA-REF1-SO06-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO02-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO04-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	2-Nitrophenol	NA-REF1-SO06-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO02-02	ug/kg	51	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO04-02	ug/kg	51	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF1-SO06-02	ug/kg	51	ND	13000	13000	1400	1400	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO02-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO04-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	3-Nitroaniline	NA-REF1-SO06-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO02-02	ug/kg	51	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO04-02	ug/kg	51	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF1-SO06-02	ug/kg	51	ND	200000	20000	7800	780	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO02-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO04-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Bromophenyl-phenylether	NA-REF1-SO06-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO02-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO04-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-REF1-SO06-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO02-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO04-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chloroaniline	NA-REF1-SO06-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO02-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO04-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF1-SO06-02	ug/kg	51	ND	1E+08	1E+07	4500000	450000	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO02-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO04-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitroanaline	NA-REF1-SO06-02	ug/kg	51	ND	120000	12000	4700	470	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO02-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO04-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	4-Nitrophenol	NA-REF1-SO06-02	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO02-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO04-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Acenaphthene	NA-REF1-SO06-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO02-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO04-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Acenaphthylene	NA-REF1-SO06-02	ug/kg	51	ND	1E+08	1E+07	4700000	470000	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO02-02	ug/kg	51	ND	6E+08	6E+07	2.3E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO04-02	ug/kg	51	ND	6E+08	6E+07	2.3E+07	2E+06	NC	NA
OLMO3.2	Anthracene	NA-REF1-SO06-02	ug/kg	51	ND	6E+08	6E+07	2.3E+07	2E+06	NC	NA
[redacted]O3.2	Benzo(a)anthracene	NA-REF1-SO02-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO04-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)anthracene	NA-REF1-SO06-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO02-02	ug/kg	51	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO04-02	ug/kg	51	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(a)pyrene	NA-REF1-SO06-02	ug/kg	51	ND	780	780	87	87	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO02-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO04-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(b)fluoranthene	NA-REF1-SO06-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO02-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO04-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Benzo(g,h,i)perylene	NA-REF1-SO06-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO02-02	ug/kg	51	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO04-02	ug/kg	51	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Benzo(k)fluoranthene	NA-REF1-SO06-02	ug/kg	51	ND	78000	78000	8700	8700	NC	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO02-02	ug/kg	51	ND	4E+08	4E+07	1.6E+07	2E+06	NC	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO04-02	ug/kg	51	ND	4E+08	4E+07	1.6E+07	2E+06	NC	NA
OLMO3.2	Butylbenzylphthalate	NA-REF1-SO06-02	ug/kg	51	ND	4E+08	4E+07	1.6E+07	2E+06	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO02-02	ug/kg	51	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO04-02	ug/kg	51	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Carbazole	NA-REF1-SO06-02	ug/kg	51	ND	290000	290000	32000	32000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO02-02	ug/kg	51	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO04-02	ug/kg	51	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Chrysene	NA-REF1-SO06-02	ug/kg	51	ND	780000	780000	87000	87000	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO02-02	ug/kg	51	ND	780	780	87	87	NC	NA
OLMO3.2	Dibenz(a,h)anthracene	NA-REF1-SO04-02	ug/kg	51	ND	780	780	87	87	NC	NA
[redacted]O3.2	Dibenz(a,h)anthracene	NA-REF1-SO06-02	ug/kg	51	ND	780	780	87	87	NC	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenzofuran	NA-REF1-SO02-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO04-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Dibenzofuran	NA-REF1-SO06-02	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO02-02	ug/kg	51	ND	2E+09	2E+08	6.3E+07	6E+06	58	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO04-02	ug/kg	51	ND	2E+09	2E+08	6.3E+07	6E+06	58	NA
OLMO3.2	Diethylphthalate	NA-REF1-SO06-02	ug/kg	51	58	2E+09	2E+08	6.3E+07	6E+06	58	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO02-02	ug/kg	51	ND	2E+10	2E+09	7.8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO04-02	ug/kg	51	ND	2E+10	2E+09	7.8E+08	8E+07	NC	NA
OLMO3.2	Dimethylphthalate	NA-REF1-SO06-02	ug/kg	51	ND	2E+10	2E+09	7.8E+08	8E+07	NC	NA
OLMO3.2	Fluoranthene	NA-REF1-SO02-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Fluoranthene	NA-REF1-SO04-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Fluoranthene	NA-REF1-SO06-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO02-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO04-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Fluorene	NA-REF1-SO06-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO02-02	ug/kg	51	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO04-02	ug/kg	51	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF1-SO06-02	ug/kg	51	ND	73000	73000	8200	8200	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO02-02	ug/kg	51	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO04-02	ug/kg	51	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorobenzene	NA-REF1-SO06-02	ug/kg	51	ND	3600	3600	400	400	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO02-02	ug/kg	51	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO04-02	ug/kg	51	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachlorocyclopentadiene	NA-REF1-SO06-02	ug/kg	51	ND	1E+07	1E+06	550000	55000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO02-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO04-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Hexachloroethane	NA-REF1-SO06-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO02-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO04-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF1-SO06-02	ug/kg	51	ND	7800	7800	870	870	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO02-02	ug/kg	51	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO04-02	ug/kg	51	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	Isophorone	NA-REF1-SO06-02	ug/kg	51	ND	6E+06	6E+06	670000	670000	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO02-02	ug/kg	51	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO04-02	ug/kg	51	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF1-SO06-02	ug/kg	51	ND	820	820	91	91	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO02-02	ug/kg	51	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO04-02	ug/kg	51	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	N-Nitrosodiphenylamine	NA-REF1-SO06-02	ug/kg	51	ND	1E+06	1E+06	130000	130000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO02-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO04-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Naphthalene	NA-REF1-SO06-02	ug/kg	51	ND	8E+07	8E+06	3100000	310000	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO02-02	ug/kg	51	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO04-02	ug/kg	51	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Nitrobenzene	NA-REF1-SO06-02	ug/kg	51	ND	1E+06	100000	39000	3900	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO02-02	ug/kg	51	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO04-02	ug/kg	51	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Pentachlorophenol	NA-REF1-SO06-02	ug/kg	51	ND	48000	48000	5300	5300	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO02-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Phenanthrene	NA-REF1-SO04-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Phenanthrene	NA-REF1-SO06-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Phenol	NA-REF1-SO02-02	ug/kg	51	ND	1E+09	1E+08	4.7E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO04-02	ug/kg	51	ND	1E+09	1E+08	4.7E+07	5E+06	NC	NA
OLMO3.2	Phenol	NA-REF1-SO06-02	ug/kg	51	ND	1E+09	1E+08	4.7E+07	5E+06	NC	NA
OLMO3.2	Pyrene	NA-REF1-SO02-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Pyrene	NA-REF1-SO04-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	Pyrene	NA-REF1-SO06-02	ug/kg	51	ND	6E+07	6E+06	2300000	230000	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO02-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO04-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF1-SO06-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO02-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO04-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF1-SO06-02	ug/kg	51	ND	5200	5200	580	580	NC	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO02-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO04-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF1-SO06-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO02-02	ug/kg	51	ND	2E+08	2E+07	7800000	780000	77	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO04-02	ug/kg	51	77	2E+08	2E+07	7800000	780000	77	NA
OLMO3.2	di-n-Butylphthalate	NA-REF1-SO06-02	ug/kg	51	ND	2E+08	2E+07	7800000	780000	77	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO02-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
OLMO3.2	di-n-Octylphthalate	NA-REF1-SO04-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
MO3.2	di-n-Octylphthalate	NA-REF1-SO06-02	ug/kg	51	ND	4E+07	4E+06	1600000	160000	NC	NA
LMO3.2	o-Cresol	NA-REF1-SO02-02	ug/kg	51	ND	1E+08	1E+07	3900000	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO04-02	ug/kg	51	ND	1E+08	1E+07	3900000	390000	NC	NA
OLMO3.2	o-Cresol	NA-REF1-SO06-02	ug/kg	51	ND	1E+08	1E+07	3900000	390000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO02-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO04-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
OLMO3.2	p-Cresol	NA-REF1-SO06-02	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO02-02	ng/kg	0.8	39	38000	38000	4300	4300	39.6	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO04-02	ng/kg	0.4	35.3 J	38000	38000	4300	4300	39.6	NA
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF1-SO06-02	ng/kg	0.3	39.6 J	38000	38000	4300	4300	39.6	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO02-02	ng/kg	0.6	3.9 J	38000	38000	4300	4300	4.6	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO04-02	ng/kg	0.3	4.6 J	38000	38000	4300	4300	4.6	NA
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF1-SO06-02	ng/kg	0.2	4.5 J	38000	38000	4300	4300	4.6	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO02-02	ng/kg	0.5	5.9 J	3800	3800	430	430	6	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO04-02	ng/kg	0.4	5.7 J	3800	3800	430	430	6	NA
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF1-SO06-02	ng/kg	0.2	6 J	3800	3800	430	430	6	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO02-02	ng/kg	0.3	4.7 J	3800	3800	430	430	5.1	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO04-02	ng/kg	0.3	5.1	3800	3800	430	430	5.1	NA
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF1-SO06-02	ng/kg	0.2	4.8 J	3800	3800	430	430	5.1	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO02-02	ng/kg	0.5	ND	3800	3800	430	430	1	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO04-02	ng/kg	0.5	1 J	3800	3800	430	430	1	NA
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF1-SO06-02	ng/kg	0.3	ND	3800	3800	430	430	1	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO02-02	ng/kg	0.4	ND	380	380	43	43	NC	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO04-02	ng/kg	0.3	ND	380	380	43	43	NC	NA
SW8290	1,2,3,4,7,8-HxCDD	NA-REF1-SO06-02	ng/kg	0.2	ND	380	380	43	43	NC	NA
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO02-02	ng/kg	0.3	2.1 J	380	380	43	43	2.1	NA
290	1,2,3,4,7,8-HxCDF	NA-REF1-SO04-02	ng/kg	0.3	1.9 J	380	380	43	43	2.1	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,4,7,8-HxCDF	NA-REF1-SO06-02	ng/kg	0.2	2.1 J	380	380	43	43	2.1	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO02-02	ng/kg	0.3	1.4 J	380	380	43	43	1.5	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO04-02	ng/kg	0.3	1.2 J	380	380	43	43	1.5	NA
SW8290	1,2,3,6,7,8-HxCDD	NA-REF1-SO06-02	ng/kg	0.2	1.5 J	380	380	43	43	1.5	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO02-02	ng/kg	0.3	0.96 BJ	380	380	43	43	1.1	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO04-02	ng/kg	0.3	0.85 J	380	380	43	43	1.1	NA
SW8290	1,2,3,6,7,8-HxCDF	NA-REF1-SO06-02	ng/kg	0.2	1.1 BJ	380	380	43	43	1.1	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO02-02	ng/kg	0.3	5.3 J	380	380	43	43	5.3	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO04-02	ng/kg	0.3	4 J	380	380	43	43	5.3	NA
SW8290	1,2,3,7,8,9-HxCDD	NA-REF1-SO06-02	ng/kg	0.2	5.3 J	380	380	43	43	5.3	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO02-02	ng/kg	0.4	ND	380	380	43	43	NC	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO04-02	ng/kg	0.4	ND	380	380	43	43	NC	NA
SW8290	1,2,3,7,8,9-HxCDF	NA-REF1-SO06-02	ng/kg	0.3	ND	380	380	43	43	NC	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO02-02	ng/kg	0.4	1.5 J	76	76	8.6	8.6	1.6	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO04-02	ng/kg	0.4	1.3 J	76	76	8.6	8.6	1.6	NA
SW8290	1,2,3,7,8-PeCDD	NA-REF1-SO06-02	ng/kg	0.2	1.6 J	76	76	8.6	8.6	1.6	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO02-02	ng/kg	0.3	0.8 J	760	760	86	86	0.8	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO04-02	ng/kg	0.4	0.54 J	760	760	86	86	0.8	NA
SW8290	1,2,3,7,8-PeCDF	NA-REF1-SO06-02	ng/kg	0.3	0.66 J	760	760	86	86	0.8	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO02-02	ng/kg	0.3	1.8 BJ	380	380	43	43	2.2	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO04-02	ng/kg	0.4	2 BJ	380	380	43	43	2.2	NA
SW8290	2,3,4,6,7,8-HxCDF	NA-REF1-SO06-02	ng/kg	0.2	2.2 BJ	380	380	43	43	2.2	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO02-02	ng/kg	0.3	1.1 J	76	76	8.6	8.6	1.2	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO04-02	ng/kg	0.4	0.88 J	76	76	8.6	8.6	1.2	NA
SW8290	2,3,4,7,8-PeCDF	NA-REF1-SO06-02	ng/kg	0.3	1.2 J	76	76	8.6	8.6	1.2	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO02-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO04-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NA
SW8290	2,3,7,8-TCDD	NA-REF1-SO06-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO02-02	ng/kg	0.2	0.99 J	380	380	43	43	0.99	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO04-02	ng/kg	0.4	0.79 J	380	380	43	43	0.99	NA
SW8290	2,3,7,8-TCDF	NA-REF1-SO06-02	ng/kg	0.1	0.94 J	380	380	43	43	0.99	NA
SW8290	Total HpCDD	NA-REF1-SO02-02	ng/kg	0.5	13.1	.	.	.	.	13.1	NA
SW8290	Total HpCDD	NA-REF1-SO04-02	ng/kg	0.4	11	.	.	.	.	13.1	NA
SW8290	Total HpCDD	NA-REF1-SO06-02	ng/kg	0.2	10.4	.	.	.	.	13.1	NA
SW8290	Total HpCDF	NA-REF1-SO02-02	ng/kg	0.4	5.6	.	.	.	.	10	NA
SW8290	Total HpCDF	NA-REF1-SO04-02	ng/kg	0.4	10	.	.	.	.	10	NA
SW8290	Total HpCDF	NA-REF1-SO06-02	ng/kg	0.3	8.2	.	.	.	.	10	NA
SW8290	Total HxCDD	NA-REF1-SO02-02	ng/kg	0.3	19.1	.	.	.	.	19.1	NA
SW8290	Total HxCDD	NA-REF1-SO04-02	ng/kg	0.3	13.8	.	.	.	.	19.1	NA
SW8290	Total HxCDD	NA-REF1-SO06-02	ng/kg	0.2	17.4	.	.	.	.	19.1	NA
SW8290	Total HxCDF	NA-REF1-SO02-02	ng/kg	0.3	11	.	.	.	.	11.5	NA
SW8290	Total HxCDF	NA-REF1-SO04-02	ng/kg	0.3	8.7	.	.	.	.	11.5	NA
SW8290	Total HxCDF	NA-REF1-SO06-02	ng/kg	0.2	11.5	.	.	.	.	11.5	NA
SW8290	Total PeCDD	NA-REF1-SO02-02	ng/kg	0.4	4.9	.	.	.	.	4.9	NA
SW8290	Total PeCDD	NA-REF1-SO04-02	ng/kg	0.4	3.4	.	.	.	.	4.9	NA
SW8290	Total PeCDD	NA-REF1-SO06-02	ng/kg	0.2	1.6	.	.	.	.	4.9	NA
SW8290	Total PeCDF	NA-REF1-SO02-02	ng/kg	0.3	12.1	.	.	.	.	12.1	NA
SW8290	Total PeCDF	NA-REF1-SO04-02	ng/kg	0.4	7.4	.	.	.	.	12.1	NA
SW8290	Total PeCDF	NA-REF1-SO06-02	ng/kg	0.3	9.7	.	.	.	.	12.1	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total TCDD	NA-REF1-SO02-02	ng/kg	0.3	2.3	.	.	.	.	2.3	NA
SW8290	Total TCDD	NA-REF1-SO04-02	ng/kg	0.3	1.7	.	.	.	.	2.3	NA
SW8290	Total TCDD	NA-REF1-SO06-02	ng/kg	0.3	1.7	.	.	.	.	2.3	NA
SW8290	Total TCDF	NA-REF1-SO02-02	ng/kg	0.2	13.3	.	.	.	.	13.3	NA
SW8290	Total TCDF	NA-REF1-SO04-02	ng/kg	0.3	8.7	.	.	.	.	13.3	NA
SW8290	Total TCDF	NA-REF1-SO06-02	ng/kg	0.3	4.9	.	.	.	.	13.3	NA
ILM04.0	Cyanide	NA-REF1-SO02-02	mg/kg	0.35	ND	41000	4100	1600	160	0.39	NA
ILM04.0	Cyanide	NA-REF1-SO04-02	mg/kg	0.36	ND	41000	4100	1600	160	0.39	NA
ILM04.0	Cyanide	NA-REF1-SO06-02	mg/kg	0.28	0.39	41000	4100	1600	160	0.39	NA
ILMO4.0	Aluminum	NA-REF1-SO02-02	mg/kg	2.3	52300	2E+06	200000	78000	7800	57700	NA
ILMO4.0	Aluminum	NA-REF1-SO04-02	mg/kg	2.4	52300	2E+06	200000	78000	7800	57700	NA
ILMO4.0	Aluminum	NA-REF1-SO06-02	mg/kg	2.4	57700	2E+06	200000	78000	7800	57700	NA
ILMO4.0	Antimony	NA-REF1-SO02-02	mg/kg	0.58	1 J	820	82	31	3.1	1.5	NA
ILMO4.0	Antimony	NA-REF1-SO04-02	mg/kg	0.6	ND UL	820	82	31	3.1	1.5	NA
ILMO4.0	Antimony	NA-REF1-SO06-02	mg/kg	0.59	1.5 J	820	82	31	3.1	1.5	NA
ILMO4.0	Arsenic	NA-REF1-SO02-02	mg/kg	0.78	2.2	3.8	3.8	0.43	0.43	2.6	NA
ILMO4.0	Arsenic	NA-REF1-SO04-02	mg/kg	0.8	1.3	3.8	3.8	0.43	0.43	2.6	NA
ILMO4.0	Arsenic	NA-REF1-SO06-02	mg/kg	0.79	2.6	3.8	3.8	0.43	0.43	2.6	NA
ILMO4.0	Barium	NA-REF1-SO02-02	mg/kg	0.19	72.3 K	140000	14000	5500	550	72.3	NA
ILMO4.0	Barium	NA-REF1-SO04-02	mg/kg	0.2	67.9 K	140000	14000	5500	550	72.3	NA
ILMO4.0	Barium	NA-REF1-SO06-02	mg/kg	0.2	69.4 K	140000	14000	5500	550	72.3	NA
ILMO4.0	Beryllium	NA-REF1-SO02-02	mg/kg	0.19	ND	4100	410	160	16	NC	NA
ILMO4.0	Beryllium	NA-REF1-SO04-02	mg/kg	0.2	ND	4100	410	160	16	NC	NA
ILMO4.0	Beryllium	NA-REF1-SO06-02	mg/kg	0.2	ND	4100	410	160	16	NC	NA
ILMO4.0	Cadmium	NA-REF1-SO02-02	mg/kg	0.19	0.47 K	1000	100	39	3.9	0.53	NA
ILMO4.0	Cadmium	NA-REF1-SO04-02	mg/kg	0.2	0.47 K	1000	100	39	3.9	0.53	NA
ILMO4.0	Cadmium	NA-REF1-SO06-02	mg/kg	0.2	0.53 K	1000	100	39	3.9	0.53	NA
ILMO4.0	Calcium	NA-REF1-SO02-02	mg/kg	5.1	11600	.	.	.	.	11600	NA
ILMO4.0	Calcium	NA-REF1-SO04-02	mg/kg	5.2	11200	.	.	.	.	11600	NA
ILMO4.0	Calcium	NA-REF1-SO06-02	mg/kg	5.1	9380	.	.	.	.	11600	NA
ILMO4.0	Chromium	NA-REF1-SO02-02	mg/kg	0.19	24.9	10000	1000	390	39	30.8	NA
ILMO4.0	Chromium	NA-REF1-SO04-02	mg/kg	0.2	25.7	10000	1000	390	39	30.8	NA
ILMO4.0	Chromium	NA-REF1-SO06-02	mg/kg	0.2	30.8	10000	1000	390	39	30.8	NA
ILMO4.0	Cobalt	NA-REF1-SO02-02	mg/kg	0.19	22.2	120000	12000	4700	470	25	NA
ILMO4.0	Cobalt	NA-REF1-SO04-02	mg/kg	0.2	22.8	120000	12000	4700	470	25	NA
ILMO4.0	Cobalt	NA-REF1-SO06-02	mg/kg	0.2	25	120000	12000	4700	470	25	NA
ILMO4.0	Copper	NA-REF1-SO02-02	mg/kg	0.19	104	82000	8200	3100	310	116	NA
ILMO4.0	Copper	NA-REF1-SO04-02	mg/kg	0.2	103	82000	8200	3100	310	116	NA
ILMO4.0	Copper	NA-REF1-SO06-02	mg/kg	0.2	116	82000	8200	3100	310	116	NA
ILMO4.0	Iron	NA-REF1-SO02-02	mg/kg	2.7	45100	610000	61000	23000	2300	51800	NA
ILMO4.0	Iron	NA-REF1-SO04-02	mg/kg	2.8	46100	610000	61000	23000	2300	51800	NA
ILMO4.0	Iron	NA-REF1-SO06-02	mg/kg	2.8	51800	610000	61000	23000	2300	51800	NA
ILMO4.0	Lead	NA-REF1-SO02-02	mg/kg	0.39	5.4	400	400	400	400	8.7	NA
ILMO4.0	Lead	NA-REF1-SO04-02	mg/kg	0.4	8.7	400	400	400	400	8.7	NA
ILMO4.0	Lead	NA-REF1-SO06-02	mg/kg	0.39	7.9	400	400	400	400	8.7	NA
ILMO4.0	Magnesium	NA-REF1-SO02-02	mg/kg	1.8	10900	.	.	.	.	12200	NA
ILMO4.0	Magnesium	NA-REF1-SO04-02	mg/kg	1.8	12200	.	.	.	.	12200	NA
ILMO4.0	Magnesium	NA-REF1-SO06-02	mg/kg	1.8	12000	.	.	.	.	12200	NA
ILMO4.0	Manganese	NA-REF1-SO02-02	mg/kg	0.19	800	41000	4100	1600	160	890	NA

Appendix F-8
Reference Area 1 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparis Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Manganese	NA-REF1-SO04-02	mg/kg	0.2	802	41000	4100	1600	160	890	NA
ILMO4.0	Manganese	NA-REF1-SO06-02	mg/kg	0.2	890	41000	4100	1600	160	890	NA
ILMO4.0	Mercury	NA-REF1-SO02-02	mg/kg	0.02	0.03	200	20	7.8	0.78	0.04	NA
ILMO4.0	Mercury	NA-REF1-SO04-02	mg/kg	0.02	0.02	200	20	7.8	0.78	0.04	NA
ILMO4.0	Mercury	NA-REF1-SO06-02	mg/kg	0.02	0.04	200	20	7.8	0.78	0.04	NA
ILMO4.0	Nickel	NA-REF1-SO02-02	mg/kg	0.39	28.5	41000	4100	1600	160	32.9	NA
ILMO4.0	Nickel	NA-REF1-SO04-02	mg/kg	0.4	30.9	41000	4100	1600	160	32.9	NA
ILMO4.0	Nickel	NA-REF1-SO06-02	mg/kg	0.39	32.9	41000	4100	1600	160	32.9	NA
ILMO4.0	Potassium	NA-REF1-SO02-02	mg/kg	1.2	272	.	.	.	.	285	NA
ILMO4.0	Potassium	NA-REF1-SO04-02	mg/kg	1.2	263	.	.	.	.	285	NA
ILMO4.0	Potassium	NA-REF1-SO06-02	mg/kg	1.2	285	.	.	.	.	285	NA
ILMO4.0	Selenium	NA-REF1-SO02-02	mg/kg	0.39	0.6 L	10000	1000	390	39	0.6	NA
ILMO4.0	Selenium	NA-REF1-SO04-02	mg/kg	0.4	0.58 L	10000	1000	390	39	0.6	NA
ILMO4.0	Selenium	NA-REF1-SO06-02	mg/kg	0.39	ND UL	10000	1000	390	39	0.6	NA
ILMO4.0	Silver	NA-REF1-SO02-02	mg/kg	0.19	ND	10000	1000	390	39	NC	NA
ILMO4.0	Silver	NA-REF1-SO04-02	mg/kg	0.2	ND	10000	1000	390	39	NC	NA
ILMO4.0	Silver	NA-REF1-SO06-02	mg/kg	0.2	ND	10000	1000	390	39	NC	NA
ILMO4.0	Sodium	NA-REF1-SO02-02	mg/kg	19.4	2030	.	.	.	.	2030	NA
ILMO4.0	Sodium	NA-REF1-SO04-02	mg/kg	19.9	1890	.	.	.	.	2030	NA
ILMO4.0	Sodium	NA-REF1-SO06-02	mg/kg	19.7	1750	.	.	.	.	2030	NA
ILMO4.0	Thallium	NA-REF1-SO02-02	mg/kg	0.78	1.7 L	140	14	5.5	0.55	1.7	NA
ILMO4.0	Thallium	NA-REF1-SO04-02	mg/kg	0.79	ND UL	140	14	5.5	0.55	1.7	NA
ILMO4.0	Thallium	NA-REF1-SO06-02	mg/kg	0.79	1.4 L	140	14	5.5	0.55	1.7	NA
ILMO4.0	Vanadium	NA-REF1-SO02-02	mg/kg	0.19	185	14000	1400	550	55	219	NA
ILMO4.0	Vanadium	NA-REF1-SO04-02	mg/kg	0.2	189	14000	1400	550	55	219	NA
ILMO4.0	Vanadium	NA-REF1-SO06-02	mg/kg	0.2	219	14000	1400	550	55	219	NA
ILMO4.0	Zinc	NA-REF1-SO02-02	mg/kg	0.19	40	610000	61000	23000	2300	48.6	NA
ILMO4.0	Zinc	NA-REF1-SO04-02	mg/kg	0.2	44.4	610000	61000	23000	2300	48.6	NA
ILMO4.0	Zinc	NA-REF1-SO06-02	mg/kg	0.2	48.6	610000	61000	23000	2300	48.6	NA
300	Chloride	NA-REF1-SO02-02	mg/kg	0.76	4.3	200000	20000	7800	780	9.64	NA
300	Chloride	NA-REF1-SO04-02	mg/kg	0.76	2.25	200000	20000	7800	780	9.64	NA
300	Chloride	NA-REF1-SO06-02	mg/kg	0.76	9.64	200000	20000	7800	780	9.64	NA
300	Fluoride	NA-REF1-SO02-02	mg/kg	0.38	ND	120000	12000	4700	470	NC	NA
300	Fluoride	NA-REF1-SO04-02	mg/kg	0.38	ND	120000	12000	4700	470	NC	NA
300	Fluoride	NA-REF1-SO06-02	mg/kg	0.38	ND	120000	12000	4700	470	NC	NA
353.2	Nitrate	NA-REF1-SO02-02	mg/kg	0.76	3.5	3E+06	330000	130000	13000	6.74	NA
353.2	Nitrate	NA-REF1-SO04-02	mg/kg	0.76	4.09	3E+06	330000	130000	13000	6.74	NA
353.2	Nitrate	NA-REF1-SO06-02	mg/kg	0.76	6.74	3E+06	330000	130000	13000	6.74	NA

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	4,4'-DDD	NA-REF2-SO01-01	ug/kg	0.37	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO02-01	ug/kg	0.34	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO03-01	ug/kg	0.37	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO04-01	ug/kg	0.29	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO05-01	ug/kg	0.33	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO06-01	ug/kg	0.38	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-REF2-SO01-01	ug/kg	0.37	28	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-REF2-SO02-01	ug/kg	0.34	71	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-REF2-SO03-01	ug/kg	0.37	3.3	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-REF2-SO04-01	ug/kg	0.29	4.2	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-REF2-SO05-01	ug/kg	0.33	14	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-REF2-SO06-01	ug/kg	0.38	12	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDT	NA-REF2-SO01-01	ug/kg	0.37	14 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-REF2-SO02-01	ug/kg	0.34	24 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-REF2-SO03-01	ug/kg	0.37	2.5	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-REF2-SO04-01	ug/kg	0.29	4	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-REF2-SO05-01	ug/kg	0.33	8.3 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-REF2-SO06-01	ug/kg	0.38	7.6 J	17000	17000	1900	1900	200	NS
OLM03.2	Aldrin	NA-REF2-SO01-01	ug/kg	0.37	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO02-01	ug/kg	0.34	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO03-01	ug/kg	0.37	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO04-01	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO05-01	ug/kg	0.33	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO06-01	ug/kg	0.38	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1248	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO01-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO02-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO03-01	ug/kg	0.37	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO04-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO05-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO06-01	ug/kg	0.38	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO01-01	ug/kg	0.37	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO02-01	ug/kg	0.34	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO03-01	ug/kg	0.37	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO04-01	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO05-01	ug/kg	0.33	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO06-01	ug/kg	0.38	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO01-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO02-01	ug/kg	0.34	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO03-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO04-01	ug/kg	0.29	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO05-01	ug/kg	0.33	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO06-01	ug/kg	0.38	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO01-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO02-01	ug/kg	0.34	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO03-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO04-01	ug/kg	0.29	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO05-01	ug/kg	0.33	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO06-01	ug/kg	0.38	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO01-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO02-01	ug/kg	0.34	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO03-01	ug/kg	0.37	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO04-01	ug/kg	0.29	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO05-01	ug/kg	0.33	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO06-01	ug/kg	0.38	ND	12000000	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-REF2-SO01-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO02-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO03-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO04-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO05-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO06-01	ug/kg	0.38	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO01-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO02-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	Endrin aldehyde	NA-REF2-SO03-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO04-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO05-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO06-01	ug/kg	0.38	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO01-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO02-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO03-01	ug/kg	0.37	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO04-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO05-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO06-01	ug/kg	0.38	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO01-01	ug/kg	0.37	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO02-01	ug/kg	0.34	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO03-01	ug/kg	0.37	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO04-01	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO05-01	ug/kg	0.33	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO06-01	ug/kg	0.38	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO01-01	ug/kg	0.37	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO02-01	ug/kg	0.34	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO03-01	ug/kg	0.37	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO04-01	ug/kg	0.29	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO05-01	ug/kg	0.33	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO06-01	ug/kg	0.38	ND	630	630	70	70	NC	NC
[redacted]03.2	Methoxychlor	NA-REF2-SO01-01	ug/kg	0.37	ND	10000000	1E+06	390000	39000	NC	NC
[redacted]M03.2	Methoxychlor	NA-REF2-SO02-01	ug/kg	0.34	ND	10000000	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO03-01	ug/kg	0.37	ND	10000000	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO04-01	ug/kg	0.29	ND	10000000	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO05-01	ug/kg	0.33	ND	10000000	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO06-01	ug/kg	0.38	ND	10000000	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO01-01	ug/kg	0.37	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO02-01	ug/kg	0.34	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO03-01	ug/kg	0.37	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO04-01	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO05-01	ug/kg	0.33	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO06-01	ug/kg	0.38	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO01-01	ug/kg	0.37	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO02-01	ug/kg	0.34	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO03-01	ug/kg	0.37	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO04-01	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO05-01	ug/kg	0.33	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO06-01	ug/kg	0.38	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO01-01	ug/kg	0.37	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO02-01	ug/kg	0.34	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO03-01	ug/kg	0.37	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO04-01	ug/kg	0.29	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO05-01	ug/kg	0.33	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO06-01	ug/kg	0.38	ND	16000	16000	1800	1800	0.87	NC
OLM03.2	beta-BHC	NA-REF2-SO01-01	ug/kg	0.37	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO02-01	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
[redacted]03.2	beta-BHC	NA-REF2-SO03-01	ug/kg	0.37	ND	3200	3200	350	350	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Compari Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	beta-BHC	NA-REF2-SO04-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO05-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO06-01	ug/kg	0.38	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO01-01	ug/kg	0.37	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO02-01	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO03-01	ug/kg	0.37	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO04-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO05-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO06-01	ug/kg	0.38	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO01-01	ug/kg	0.37	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO02-01	ug/kg	0.34	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO03-01	ug/kg	0.37	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO04-01	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO05-01	ug/kg	0.33	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO06-01	ug/kg	0.38	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO01-01	ug/kg	0.37	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO02-01	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO03-01	ug/kg	0.37	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO04-01	ug/kg	0.29	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO05-01	ug/kg	0.33	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO06-01	ug/kg	0.38	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO01-01	ug/kg	76	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO02-01	ug/kg	68	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO03-01	ug/kg	72	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO04-01	ug/kg	58	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO05-01	ug/kg	67	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO06-01	ug/kg	76	ND	20000000	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO01-01	ug/kg	76	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO02-01	ug/kg	68	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO03-01	ug/kg	72	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO04-01	ug/kg	58	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO05-01	ug/kg	67	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO06-01	ug/kg	76	ND	1.8E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO01-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO02-01	ug/kg	68	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO03-01	ug/kg	72	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO04-01	ug/kg	58	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO05-01	ug/kg	67	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO06-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO01-01	ug/kg	76	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO02-01	ug/kg	68	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO03-01	ug/kg	72	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO04-01	ug/kg	58	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO05-01	ug/kg	67	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO06-01	ug/kg	76	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO01-01	ug/kg	76	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO02-01	ug/kg	68	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO03-01	ug/kg	72	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO04-01	ug/kg	58	ND	82000	82000	9100	9100	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO05-01	ug/kg	67	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO06-01	ug/kg	76	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO01-01	ug/kg	76	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO02-01	ug/kg	68	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO03-01	ug/kg	72	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO04-01	ug/kg	58	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO05-01	ug/kg	67	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO06-01	ug/kg	76	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO01-01	ug/kg	76	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO02-01	ug/kg	68	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO03-01	ug/kg	72	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO04-01	ug/kg	58	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO05-01	ug/kg	67	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO06-01	ug/kg	76	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO01-01	ug/kg	76	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO02-01	ug/kg	68	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO03-01	ug/kg	72	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO04-01	ug/kg	58	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO05-01	ug/kg	67	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO06-01	ug/kg	76	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO01-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO02-01	ug/kg	68	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO03-01	ug/kg	72	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO04-01	ug/kg	58	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO05-01	ug/kg	67	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO06-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO01-01	ug/kg	76	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO02-01	ug/kg	68	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO03-01	ug/kg	72	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO04-01	ug/kg	58	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO05-01	ug/kg	67	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO06-01	ug/kg	76	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO01-01	ug/kg	76	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO02-01	ug/kg	68	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO03-01	ug/kg	72	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO04-01	ug/kg	58	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO05-01	ug/kg	67	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO06-01	ug/kg	76	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO01-01	ug/kg	76	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO02-01	ug/kg	68	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO03-01	ug/kg	72	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO04-01	ug/kg	58	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO05-01	ug/kg	67	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO06-01	ug/kg	76	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO01-01	ug/kg	76	ND	1.6E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO02-01	ug/kg	68	ND	1.6E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO03-01	ug/kg	72	ND	1.6E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO04-01	ug/kg	58	ND	1.6E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO05-01	ug/kg	67	ND	1.6E+08	2E+07	6E+06	630000	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO06-01	ug/kg	76	ND	1.6E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO01-01	ug/kg	76	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO02-01	ug/kg	68	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO03-01	ug/kg	72	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO04-01	ug/kg	58	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO05-01	ug/kg	67	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO06-01	ug/kg	76	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO01-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO02-01	ug/kg	68	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO03-01	ug/kg	72	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO04-01	ug/kg	58	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO05-01	ug/kg	67	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO06-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO01-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO02-01	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO03-01	ug/kg	72	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO04-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO05-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO06-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO01-01	ug/kg	76	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO02-01	ug/kg	68	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO03-01	ug/kg	72	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO04-01	ug/kg	58	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO05-01	ug/kg	67	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO06-01	ug/kg	76	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO01-01	ug/kg	76	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO02-01	ug/kg	68	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO03-01	ug/kg	72	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO04-01	ug/kg	58	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO05-01	ug/kg	67	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO06-01	ug/kg	76	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO01-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO02-01	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO03-01	ug/kg	72	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO04-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO05-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO06-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO01-01	ug/kg	76	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO02-01	ug/kg	68	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO03-01	ug/kg	72	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO04-01	ug/kg	58	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO05-01	ug/kg	67	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO06-01	ug/kg	76	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO01-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO02-01	ug/kg	68	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO03-01	ug/kg	72	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO04-01	ug/kg	58	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO05-01	ug/kg	67	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO06-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	450000	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO01-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO02-01	ug/kg	68	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO03-01	ug/kg	72	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO04-01	ug/kg	58	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO05-01	ug/kg	67	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO06-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO01-01	ug/kg	76	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO02-01	ug/kg	68	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO03-01	ug/kg	72	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO04-01	ug/kg	58	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO05-01	ug/kg	67	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO06-01	ug/kg	76	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO01-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO02-01	ug/kg	68	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO03-01	ug/kg	72	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO04-01	ug/kg	58	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO05-01	ug/kg	67	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO06-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO01-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO02-01	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO03-01	ug/kg	72	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO04-01	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO05-01	ug/kg	67	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO06-01	ug/kg	76	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO01-01	ug/kg	76	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO02-01	ug/kg	68	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO03-01	ug/kg	72	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO04-01	ug/kg	58	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO05-01	ug/kg	67	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO06-01	ug/kg	76	ND	16000000	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO01-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO02-01	ug/kg	68	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO03-01	ug/kg	72	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO04-01	ug/kg	58	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO05-01	ug/kg	67	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO06-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO01-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO02-01	ug/kg	68	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO03-01	ug/kg	72	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO04-01	ug/kg	58	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO05-01	ug/kg	67	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO06-01	ug/kg	76	ND	1.2E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO01-01	ug/kg	76	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO02-01	ug/kg	68	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO03-01	ug/kg	72	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO04-01	ug/kg	58	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO05-01	ug/kg	67	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO06-01	ug/kg	76	ND	6.1E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO01-01	ug/kg	76	ND	7800	7800	870	870	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO02-01	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO03-01	ug/kg	72	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO04-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO05-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO06-01	ug/kg	76	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO01-01	ug/kg	76	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO02-01	ug/kg	68	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO03-01	ug/kg	72	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO04-01	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO05-01	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO06-01	ug/kg	76	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO01-01	ug/kg	76	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO02-01	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO03-01	ug/kg	72	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO04-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO05-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO06-01	ug/kg	76	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO01-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO02-01	ug/kg	68	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO03-01	ug/kg	72	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO04-01	ug/kg	58	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO05-01	ug/kg	67	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO06-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO01-01	ug/kg	76	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO02-01	ug/kg	68	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO03-01	ug/kg	72	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO04-01	ug/kg	58	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO05-01	ug/kg	67	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO06-01	ug/kg	76	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO01-01	ug/kg	76	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO02-01	ug/kg	68	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO03-01	ug/kg	72	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO04-01	ug/kg	58	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO05-01	ug/kg	67	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO06-01	ug/kg	76	ND	4.1E+08	4E+07	2E+07	2E+06	83	NC
OLMO3.2	Carbazole	NA-REF2-SO01-01	ug/kg	76	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO02-01	ug/kg	68	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO03-01	ug/kg	72	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO04-01	ug/kg	58	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO05-01	ug/kg	67	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO06-01	ug/kg	76	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO01-01	ug/kg	76	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO02-01	ug/kg	68	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO03-01	ug/kg	72	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO04-01	ug/kg	58	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO05-01	ug/kg	67	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO06-01	ug/kg	76	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO01-01	ug/kg	76	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO02-01	ug/kg	68	ND	780	780	87	87	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO03-01	ug/kg	72	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO04-01	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO05-01	ug/kg	67	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO06-01	ug/kg	76	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO01-01	ug/kg	76	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO02-01	ug/kg	68	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO03-01	ug/kg	72	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO04-01	ug/kg	58	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO05-01	ug/kg	67	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO06-01	ug/kg	76	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO01-01	ug/kg	76	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO02-01	ug/kg	68	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO03-01	ug/kg	72	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO04-01	ug/kg	58	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO05-01	ug/kg	67	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO06-01	ug/kg	76	ND	1.6E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO01-01	ug/kg	76	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO02-01	ug/kg	68	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO03-01	ug/kg	72	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO04-01	ug/kg	58	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO05-01	ug/kg	67	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO06-01	ug/kg	76	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-REF2-SO01-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-REF2-SO02-01	ug/kg	68	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-REF2-SO03-01	ug/kg	72	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-REF2-SO04-01	ug/kg	58	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-REF2-SO05-01	ug/kg	67	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluoranthene	NA-REF2-SO06-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	60	NC
OLMO3.2	Fluorene	NA-REF2-SO01-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO02-01	ug/kg	68	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO03-01	ug/kg	72	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO04-01	ug/kg	58	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO05-01	ug/kg	67	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO06-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO01-01	ug/kg	76	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO02-01	ug/kg	68	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO03-01	ug/kg	72	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO04-01	ug/kg	58	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO05-01	ug/kg	67	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO06-01	ug/kg	76	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO01-01	ug/kg	76	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO02-01	ug/kg	68	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO03-01	ug/kg	72	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO04-01	ug/kg	58	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO05-01	ug/kg	67	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO06-01	ug/kg	76	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO01-01	ug/kg	76	ND	14000000	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO02-01	ug/kg	68	ND UJ	14000000	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO03-01	ug/kg	72	ND UJ	14000000	1E+06	550000	55000	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Mean Compari Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO04-01	ug/kg	58	ND UJ	14000000	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO05-01	ug/kg	67	ND UJ	14000000	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO06-01	ug/kg	76	ND UJ	14000000	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO01-01	ug/kg	76	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO02-01	ug/kg	68	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO03-01	ug/kg	72	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO04-01	ug/kg	58	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO05-01	ug/kg	67	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO06-01	ug/kg	76	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO01-01	ug/kg	76	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO02-01	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO03-01	ug/kg	72	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO04-01	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO05-01	ug/kg	67	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO06-01	ug/kg	76	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO01-01	ug/kg	76	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO02-01	ug/kg	68	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO03-01	ug/kg	72	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO04-01	ug/kg	58	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO05-01	ug/kg	67	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO06-01	ug/kg	76	ND	6000000	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO01-01	ug/kg	76	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO02-01	ug/kg	68	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO03-01	ug/kg	72	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO04-01	ug/kg	58	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO05-01	ug/kg	67	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO06-01	ug/kg	76	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO01-01	ug/kg	76	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO02-01	ug/kg	68	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO03-01	ug/kg	72	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO04-01	ug/kg	58	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO05-01	ug/kg	67	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO06-01	ug/kg	76	ND	1200000	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO01-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO02-01	ug/kg	68	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO03-01	ug/kg	72	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO04-01	ug/kg	58	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO05-01	ug/kg	67	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO06-01	ug/kg	76	ND	82000000	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO01-01	ug/kg	76	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO02-01	ug/kg	68	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO03-01	ug/kg	72	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO04-01	ug/kg	58	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO05-01	ug/kg	67	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO06-01	ug/kg	76	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO01-01	ug/kg	76	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO02-01	ug/kg	68	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO03-01	ug/kg	72	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO04-01	ug/kg	58	ND	48000	48000	5300	5300	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Pentachlorophenol	NA-REF2-SO05-01	ug/kg	67	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO06-01	ug/kg	76	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO01-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO02-01	ug/kg	68	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO03-01	ug/kg	72	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO04-01	ug/kg	58	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO05-01	ug/kg	67	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO06-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-REF2-SO01-01	ug/kg	76	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO02-01	ug/kg	68	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO03-01	ug/kg	72	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO04-01	ug/kg	58	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO05-01	ug/kg	67	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO06-01	ug/kg	76	ND	1.2E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-REF2-SO01-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-REF2-SO02-01	ug/kg	68	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-REF2-SO03-01	ug/kg	72	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-REF2-SO04-01	ug/kg	58	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-REF2-SO05-01	ug/kg	67	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	Pyrene	NA-REF2-SO06-01	ug/kg	76	ND	61000000	6E+06	2E+06	230000	70	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO01-01	ug/kg	76	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO02-01	ug/kg	68	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO03-01	ug/kg	72	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO04-01	ug/kg	58	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO05-01	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO06-01	ug/kg	76	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO01-01	ug/kg	76	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO02-01	ug/kg	68	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO03-01	ug/kg	72	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO04-01	ug/kg	58	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO05-01	ug/kg	67	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO06-01	ug/kg	76	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO01-01	ug/kg	76	230 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO02-01	ug/kg	68	200 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO03-01	ug/kg	72	260 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO04-01	ug/kg	58	570	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO05-01	ug/kg	67	200	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO06-01	ug/kg	76	230	410000	410000	46000	46000	785	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO01-01	ug/kg	76	120	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO02-01	ug/kg	68	140	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO03-01	ug/kg	72	110	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO04-01	ug/kg	58	75	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO05-01	ug/kg	67	510	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO06-01	ug/kg	76	380	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO01-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO02-01	ug/kg	68	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO03-01	ug/kg	72	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO04-01	ug/kg	58	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO05-01	ug/kg	67	ND	41000000	4E+06	2E+06	160000	NC	NC

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Mean Compari Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO06-01	ug/kg	76	ND	41000000	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO01-01	ug/kg	76	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO02-01	ug/kg	68	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO03-01	ug/kg	72	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO04-01	ug/kg	58	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO05-01	ug/kg	67	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO06-01	ug/kg	76	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO01-01	ug/kg	76	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO02-01	ug/kg	68	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO03-01	ug/kg	72	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO04-01	ug/kg	58	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO05-01	ug/kg	67	ND	10000000	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO06-01	ug/kg	76	ND	10000000	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO01-01	ng/kg	0.5	1230 J	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO02-01	ng/kg	1	987	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO03-01	ng/kg	2	779	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO04-01	ng/kg	0.6	307	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO05-01	ng/kg	0.9	801	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO06-01	ng/kg	0.7	1610	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO01-01	ng/kg	0.4	130 J	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO02-01	ng/kg	0.8	110	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO03-01	ng/kg	1.7	100	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO04-01	ng/kg	0.5	36.3	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO05-01	ng/kg	0.8	116	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO06-01	ng/kg	0.6	181	38000	38000	4300	4300	212	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO01-01	ng/kg	0.3	187 J	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO02-01	ng/kg	0.8	157 J	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO03-01	ng/kg	1.3	129 J	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO04-01	ng/kg	0.6	50.4 J	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO05-01	ng/kg	0.5	136	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO06-01	ng/kg	0.4	211	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO01-01	ng/kg	0.3	96.4	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO02-01	ng/kg	0.4	86.7	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO03-01	ng/kg	0.8	89.1	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO04-01	ng/kg	0.4	34.5	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO05-01	ng/kg	0.4	98.1	3800	3800	430	430	258	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO06-01	ng/kg	0.3	133	3800	3800	430	430	258	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO01-01	ng/kg	0.4	18.5 J	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO02-01	ng/kg	0.6	18.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO03-01	ng/kg	1.2	20.3	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO04-01	ng/kg	0.5	8.4	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO05-01	ng/kg	0.6	24.1 J	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO06-01	ng/kg	0.5	32.3	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO01-01	ng/kg	0.3	8 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO02-01	ng/kg	0.6	9 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO03-01	ng/kg	1	6.8 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO04-01	ng/kg	0.5	3.7 J	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO05-01	ng/kg	0.4	5.7	380	380	43	43	13.7	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO06-01	ng/kg	0.3	7.2	380	380	43	43	13.7	NS

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO01-01	ng/kg	0.3	42.5 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO02-01	ng/kg	0.3	38.3 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO03-01	ng/kg	0.6	39.8 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO04-01	ng/kg	0.3	15.1 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO05-01	ng/kg	0.3	39.8 J	380	380	43	43	97.8	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO06-01	ng/kg	0.3	58.2 J	380	380	43	43	97.8	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO01-01	ng/kg	0.3	15 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO02-01	ng/kg	0.6	13.4 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO03-01	ng/kg	0.9	12.5 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO04-01	ng/kg	0.5	6.6 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO05-01	ng/kg	0.4	14.3	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO06-01	ng/kg	0.3	18.9	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO01-01	ng/kg	0.3	17.3	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO02-01	ng/kg	0.3	15.7	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO03-01	ng/kg	0.6	16.4	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO04-01	ng/kg	0.2	7.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO05-01	ng/kg	0.3	17.7	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO06-01	ng/kg	0.2	23.6	380	380	43	43	41.2	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO01-01	ng/kg	0.3	24 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO02-01	ng/kg	0.6	29.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO03-01	ng/kg	0.9	22.9 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO04-01	ng/kg	0.5	20.2 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO05-01	ng/kg	0.4	21.4 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO06-01	ng/kg	0.3	25.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO01-01	ng/kg	0.3	1.5 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO02-01	ng/kg	0.4	1.4 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO03-01	ng/kg	0.8	2.2 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO04-01	ng/kg	0.3	0.68 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO05-01	ng/kg	0.4	1.5 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO06-01	ng/kg	0.3	3.6 J	380	380	43	43	3.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO01-01	ng/kg	0.3	6.2 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO02-01	ng/kg	0.4	5.2	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO03-01	ng/kg	0.7	5.4	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO04-01	ng/kg	0.3	3.7 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO05-01	ng/kg	0.5	5.9	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO06-01	ng/kg	0.3	7.3	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO01-01	ng/kg	0.3	9.9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO02-01	ng/kg	0.3	9.9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO03-01	ng/kg	0.5	9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO04-01	ng/kg	0.3	3.7 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO05-01	ng/kg	0.3	8.2	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO06-01	ng/kg	0.3	13	760	760	86	86	30.6	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO01-01	ng/kg	0.3	37.2 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO02-01	ng/kg	0.4	32.5 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO03-01	ng/kg	0.7	34.2 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO04-01	ng/kg	0.3	15.3 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO05-01	ng/kg	0.4	42.1 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO06-01	ng/kg	0.3	54.6 J	380	380	43	43	101	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO01-01	ng/kg	0.3	12.7	76	76	8.6	8.6	37.4	NS

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Compari Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO02-01	ng/kg	0.3	12.5	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO03-01	ng/kg	0.5	11.2	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO04-01	ng/kg	0.3	5.6	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO05-01	ng/kg	0.3	12.1	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO06-01	ng/kg	0.3	17.9	76	76	8.6	8.6	37.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO01-01	ng/kg	0.3	0.69 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO02-01	ng/kg	0.3	0.77 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO03-01	ng/kg	0.6	0.96 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO04-01	ng/kg	0.3	0.39 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO05-01	ng/kg	0.3	0.92 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO06-01	ng/kg	0.3	1.1	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO01-01	ng/kg	0.2	9.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO02-01	ng/kg	0.3	9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO03-01	ng/kg	0.6	8.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO04-01	ng/kg	1.7	2.2	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO05-01	ng/kg	0.6	7.8	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO06-01	ng/kg	0.7	10.9	380	380	43	43	32.8	NS
SW8290	Total HpCDD	NA-REF2-SO01-01	ng/kg	0.3	322	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-REF2-SO02-01	ng/kg	0.8	329	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-REF2-SO03-01	ng/kg	1.3	262	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-REF2-SO04-01	ng/kg	0.6	101	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-REF2-SO05-01	ng/kg	0.5	251	.	.	.	.	488	NS
SW8290	Total HpCDD	NA-REF2-SO06-01	ng/kg	0.4	395	.	.	.	.	488	NS
SW8290	Total HpCDF	NA-REF2-SO01-01	ng/kg	0.3	179	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-REF2-SO02-01	ng/kg	0.5	171	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-REF2-SO03-01	ng/kg	1	170	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-REF2-SO04-01	ng/kg	0.4	65.6	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-REF2-SO05-01	ng/kg	0.5	198	.	.	.	.	487	NS
SW8290	Total HpCDF	NA-REF2-SO06-01	ng/kg	0.4	263	.	.	.	.	487	NS
SW8290	Total HxCDD	NA-REF2-SO01-01	ng/kg	0.3	171	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-REF2-SO02-01	ng/kg	0.6	211	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-REF2-SO03-01	ng/kg	1	167	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-REF2-SO04-01	ng/kg	0.5	106	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-REF2-SO05-01	ng/kg	0.4	159	.	.	.	.	362	NS
SW8290	Total HxCDD	NA-REF2-SO06-01	ng/kg	0.3	195	.	.	.	.	362	NS
SW8290	Total HxCDF	NA-REF2-SO01-01	ng/kg	0.3	203	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-REF2-SO02-01	ng/kg	0.3	186	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-REF2-SO03-01	ng/kg	0.7	189	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-REF2-SO04-01	ng/kg	0.3	79.3	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-REF2-SO05-01	ng/kg	0.4	201	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-REF2-SO06-01	ng/kg	0.3	277	.	.	.	.	535	NS
SW8290	Total PeCDD	NA-REF2-SO01-01	ng/kg	0.3	38.9	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-REF2-SO02-01	ng/kg	0.4	46.2	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-REF2-SO03-01	ng/kg	0.7	38.3	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-REF2-SO04-01	ng/kg	0.3	19.5	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-REF2-SO05-01	ng/kg	0.5	45.6	.	.	.	.	205	NS
SW8290	Total PeCDD	NA-REF2-SO06-01	ng/kg	0.3	57.4	.	.	.	.	205	NS
SW8290	Total PeCDF	NA-REF2-SO01-01	ng/kg	0.3	162	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-REF2-SO02-01	ng/kg	0.3	151	.	.	.	.	608	NS

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total PeCDF	NA-REF2-SO03-01	ng/kg	0.5	127	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-REF2-SO04-01	ng/kg	0.3	66.7	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-REF2-SO05-01	ng/kg	0.3	127	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-REF2-SO06-01	ng/kg	0.3	197	.	.	.	.	608	NS
SW8290	Total TCDD	NA-REF2-SO01-01	ng/kg	0.3	44.5	.	.	.	.	152	NS
SW8290	Total TCDD	NA-REF2-SO02-01	ng/kg	0.3	54.2	.	.	.	.	152	NS
SW8290	Total TCDD	NA-REF2-SO03-01	ng/kg	0.6	37.3	.	.	.	.	152	NS
SW8290	Total TCDD	NA-REF2-SO04-01	ng/kg	0.3	14.3	.	.	.	.	152	NS
SW8290	Total TCDD	NA-REF2-SO05-01	ng/kg	0.3	31.2	.	.	.	.	152	NS
SW8290	Total TCDD	NA-REF2-SO06-01	ng/kg	0.3	60.9	.	.	.	.	152	NS
SW8290	Total TCDF	NA-REF2-SO01-01	ng/kg	0.2	114	.	.	.	.	522	NS
SW8290	Total TCDF	NA-REF2-SO02-01	ng/kg	0.2	118	.	.	.	.	522	NS
SW8290	Total TCDF	NA-REF2-SO03-01	ng/kg	0.5	91.9	.	.	.	.	522	NS
SW8290	Total TCDF	NA-REF2-SO04-01	ng/kg	0.2	56	.	.	.	.	522	NS
SW8290	Total TCDF	NA-REF2-SO05-01	ng/kg	0.3	93.3	.	.	.	.	522	NS
SW8290	Total TCDF	NA-REF2-SO06-01	ng/kg	0.2	136	.	.	.	.	522	NS
ILM04.0	Cyanide	NA-REF2-SO01-01	mg/kg	0.52	0.94	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-REF2-SO02-01	mg/kg	0.47	1.7	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-REF2-SO03-01	mg/kg	0.52	1.6	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-REF2-SO04-01	mg/kg	0.39	0.8	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-REF2-SO05-01	mg/kg	0.45	ND	41000	4100	1600	160	1.08	NS
ILM04.0	Cyanide	NA-REF2-SO06-01	mg/kg	0.49	ND	41000	4100	1600	160	1.08	NS
[illegible]O4.0	Aluminum	NA-REF2-SO01-01	mg/kg	3.5	66000	2000000	200000	78000	7800	74000	S
[illegible]MO4.0	Aluminum	NA-REF2-SO02-01	mg/kg	3.2	76400	2000000	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-REF2-SO03-01	mg/kg	3.5	84200	2000000	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-REF2-SO04-01	mg/kg	2.8	75700	2000000	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-REF2-SO05-01	mg/kg	3.3	58200	2000000	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-REF2-SO06-01	mg/kg	3.7	78400	2000000	200000	78000	7800	74000	S
ILMO4.0	Antimony	NA-REF2-SO01-01	mg/kg	0.86	2.7 J	820	82	31	3.1	2.4	S
ILMO4.0	Antimony	NA-REF2-SO02-01	mg/kg	0.81	2 J	820	82	31	3.1	2.4	S
ILMO4.0	Antimony	NA-REF2-SO03-01	mg/kg	0.88	2 J	820	82	31	3.1	2.4	S
ILMO4.0	Antimony	NA-REF2-SO04-01	mg/kg	0.7	1.6 J	820	82	31	3.1	2.4	S
ILMO4.0	Antimony	NA-REF2-SO05-01	mg/kg	0.82	1.8 J	820	82	31	3.1	2.4	S
ILMO4.0	Antimony	NA-REF2-SO06-01	mg/kg	0.94	2 J	820	82	31	3.1	2.4	S
ILMO4.0	Arsenic	NA-REF2-SO01-01	mg/kg	1.2	6.4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-REF2-SO02-01	mg/kg	1.1	6.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-REF2-SO03-01	mg/kg	1.2	8.2	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-REF2-SO04-01	mg/kg	0.93	4.6	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-REF2-SO05-01	mg/kg	1.1	4.5	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-REF2-SO06-01	mg/kg	1.2	6.2	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Barium	NA-REF2-SO01-01	mg/kg	0.29	76.6	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-REF2-SO02-01	mg/kg	0.27	80.6	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-REF2-SO03-01	mg/kg	0.29	66.1	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-REF2-SO04-01	mg/kg	0.23	69.4 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-REF2-SO05-01	mg/kg	0.27	81.2 K	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-REF2-SO06-01	mg/kg	0.31	105 K	140000	14000	5500	550	130	NS
ILMO4.0	Beryllium	NA-REF2-SO01-01	mg/kg	0.29	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-REF2-SO02-01	mg/kg	0.27	ND	4100	410	160	16	0.25	S
[illegible]04.0	Beryllium	NA-REF2-SO03-01	mg/kg	0.29	ND	4100	410	160	16	0.25	S

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Beryllium	NA-REF2-SO04-01	mg/kg	0.23	0.23	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-REF2-SO05-01	mg/kg	0.27	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-REF2-SO06-01	mg/kg	0.31	ND	4100	410	160	16	0.25	S
ILMO4.0	Cadmium	NA-REF2-SO01-01	mg/kg	0.29	0.9 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-REF2-SO02-01	mg/kg	0.27	1.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-REF2-SO03-01	mg/kg	0.29	1.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-REF2-SO04-01	mg/kg	0.23	1.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-REF2-SO05-01	mg/kg	0.27	1.2 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-REF2-SO06-01	mg/kg	0.31	1.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Calcium	NA-REF2-SO01-01	mg/kg	7.5	4210	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-REF2-SO02-01	mg/kg	7	4540	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-REF2-SO03-01	mg/kg	7.6	3030	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-REF2-SO04-01	mg/kg	6.1	9640	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-REF2-SO05-01	mg/kg	7.1	8670	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-REF2-SO06-01	mg/kg	8.1	5270	.	.	.	.	15400	NS
ILMO4.0	Chromium	NA-REF2-SO01-01	mg/kg	0.29	41.9	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-REF2-SO02-01	mg/kg	0.27	49.7	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-REF2-SO03-01	mg/kg	0.29	54.4	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-REF2-SO04-01	mg/kg	0.23	39.2	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-REF2-SO05-01	mg/kg	0.27	32.5	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-REF2-SO06-01	mg/kg	0.31	42.1	10000	1000	390	39	39.9	S
ILMO4.0	Cobalt	NA-REF2-SO01-01	mg/kg	0.29	25.9	120000	12000	4700	470	28.9	S
ILMO4.0	Cobalt	NA-REF2-SO02-01	mg/kg	0.27	30.7	120000	12000	4700	470	28.9	S
ILMO4.0	Cobalt	NA-REF2-SO03-01	mg/kg	0.29	33.9	120000	12000	4700	470	28.9	S
ILMO4.0	Cobalt	NA-REF2-SO04-01	mg/kg	0.23	30.2	120000	12000	4700	470	28.9	S
ILMO4.0	Cobalt	NA-REF2-SO05-01	mg/kg	0.27	23.7	120000	12000	4700	470	28.9	S
ILMO4.0	Cobalt	NA-REF2-SO06-01	mg/kg	0.31	30	120000	12000	4700	470	28.9	S
ILMO4.0	Copper	NA-REF2-SO01-01	mg/kg	0.29	131	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-REF2-SO02-01	mg/kg	0.27	150	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-REF2-SO03-01	mg/kg	0.29	158	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-REF2-SO04-01	mg/kg	0.23	149	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-REF2-SO05-01	mg/kg	0.27	121	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-REF2-SO06-01	mg/kg	0.31	150	82000	8200	3100	310	134	S
ILMO4.0	Iron	NA-REF2-SO01-01	mg/kg	4	57400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-REF2-SO02-01	mg/kg	3.8	67400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-REF2-SO03-01	mg/kg	4.1	73300	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-REF2-SO04-01	mg/kg	3.3	62900	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-REF2-SO05-01	mg/kg	3.8	49600	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-REF2-SO06-01	mg/kg	4.4	62800	610000	61000	23000	2300	60600	S
ILMO4.0	Lead	NA-REF2-SO01-01	mg/kg	0.58	51.8	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-REF2-SO02-01	mg/kg	0.54	49.9	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-REF2-SO03-01	mg/kg	0.58	50.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-REF2-SO04-01	mg/kg	0.47	22.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-REF2-SO05-01	mg/kg	0.55	40.5	400	400	400	400	95.5	NS
ILMO4.0	Lead	NA-REF2-SO06-01	mg/kg	0.62	55.3	400	400	400	400	95.5	NS
ILMO4.0	Magnesium	NA-REF2-SO01-01	mg/kg	2.6	7680	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-REF2-SO02-01	mg/kg	2.4	10200	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-REF2-SO03-01	mg/kg	2.6	10900	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-REF2-SO04-01	mg/kg	2.1	9980	.	.	.	.	12400	NS

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Magnesium	NA-REF2-SO05-01	mg/kg	2.5	9480	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-REF2-SO06-01	mg/kg	2.8	9610	.	.	.	.	12400	NS
ILMO4.0	Manganese	NA-REF2-SO01-01	mg/kg	0.29	1060	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-REF2-SO02-01	mg/kg	0.27	1200	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-REF2-SO03-01	mg/kg	0.29	1300	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-REF2-SO04-01	mg/kg	0.23	1170	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-REF2-SO05-01	mg/kg	0.27	945	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-REF2-SO06-01	mg/kg	0.31	1210	41000	4100	1600	160	1050	S
ILMO4.0	Mercury	NA-REF2-SO01-01	mg/kg	0.03	0.18	200	20	7.8	0.78	0.228	S
ILMO4.0	Mercury	NA-REF2-SO02-01	mg/kg	0.03	0.17	200	20	7.8	0.78	0.228	S
ILMO4.0	Mercury	NA-REF2-SO03-01	mg/kg	0.03	0.19	200	20	7.8	0.78	0.228	S
ILMO4.0	Mercury	NA-REF2-SO04-01	mg/kg	0.03	0.07	200	20	7.8	0.78	0.228	S
ILMO4.0	Mercury	NA-REF2-SO05-01	mg/kg	0.03	0.22	200	20	7.8	0.78	0.228	S
ILMO4.0	Mercury	NA-REF2-SO06-01	mg/kg	0.04	0.19	200	20	7.8	0.78	0.228	S
ILMO4.0	Nickel	NA-REF2-SO01-01	mg/kg	0.29	35.9	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-REF2-SO02-01	mg/kg	0.27	56.1	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-REF2-SO03-01	mg/kg	0.29	48.5	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-REF2-SO04-01	mg/kg	0.47	39.9	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-REF2-SO05-01	mg/kg	0.55	31.8	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-REF2-SO06-01	mg/kg	0.31	37.4	41000	4100	1600	160	39.5	S
ILMO4.0	Potassium	NA-REF2-SO01-01	mg/kg	1.7	504	.	.	.	.	643	S
ILMO4.0	Potassium	NA-REF2-SO02-01	mg/kg	1.6	490	.	.	.	.	643	S
ILMO4.0	Potassium	NA-REF2-SO03-01	mg/kg	1.8	449	.	.	.	.	643	S
ILMO4.0	Potassium	NA-REF2-SO04-01	mg/kg	1.4	435	.	.	.	.	643	S
ILMO4.0	Potassium	NA-REF2-SO05-01	mg/kg	1.6	624	.	.	.	.	643	S
ILMO4.0	Potassium	NA-REF2-SO06-01	mg/kg	1.9	978	.	.	.	.	643	S
ILMO4.0	Selenium	NA-REF2-SO01-01	mg/kg	0.58	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-REF2-SO02-01	mg/kg	0.54	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-REF2-SO03-01	mg/kg	0.58	ND UL	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-REF2-SO04-01	mg/kg	0.47	1.1 L	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-REF2-SO05-01	mg/kg	0.55	1.2 L	10000	1000	390	39	0.794	NS
ILMO4.0	Selenium	NA-REF2-SO06-01	mg/kg	0.62	1.1 L	10000	1000	390	39	0.794	NS
ILMO4.0	Silver	NA-REF2-SO01-01	mg/kg	0.29	0.54	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-REF2-SO02-01	mg/kg	0.27	0.53	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-REF2-SO03-01	mg/kg	0.29	0.45	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-REF2-SO04-01	mg/kg	0.23	0.63	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-REF2-SO05-01	mg/kg	0.27	0.33	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-REF2-SO06-01	mg/kg	0.31	0.52	10000	1000	390	39	0.61	NS
ILMO4.0	Sodium	NA-REF2-SO01-01	mg/kg	28.8	303	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-REF2-SO02-01	mg/kg	27	367	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-REF2-SO03-01	mg/kg	29.2	235	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-REF2-SO04-01	mg/kg	23.3	497	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-REF2-SO05-01	mg/kg	27.3	1040	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-REF2-SO06-01	mg/kg	31.2	491	.	.	.	.	2430	NS
ILMO4.0	Thallium	NA-REF2-SO01-01	mg/kg	1.2	4 L	140	14	5.5	0.55	1.82	S
ILMO4.0	Thallium	NA-REF2-SO02-01	mg/kg	1.1	5.4 L	140	14	5.5	0.55	1.82	S
ILMO4.0	Thallium	NA-REF2-SO03-01	mg/kg	1.2	4.3 L	140	14	5.5	0.55	1.82	S
ILMO4.0	Thallium	NA-REF2-SO04-01	mg/kg	0.93	1.7 L	140	14	5.5	0.55	1.82	S
ILMO4.0	Thallium	NA-REF2-SO05-01	mg/kg	1.1	ND UL	140	14	5.5	0.55	1.82	S

Appendix F-9
Reference Area 2 - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Thallium	NA-REF2-SO06-01	mg/kg	1.2	1.4 L	140	14	5.5	0.55	1.82	S
ILMO4.0	Vanadium	NA-REF2-SO01-01	mg/kg	0.29	257	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-REF2-SO02-01	mg/kg	0.27	299	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-REF2-SO03-01	mg/kg	0.29	327	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-REF2-SO04-01	mg/kg	0.23	278	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-REF2-SO05-01	mg/kg	0.27	210	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-REF2-SO06-01	mg/kg	0.31	276	14000	1400	550	55	268	S
ILMO4.0	Zinc	NA-REF2-SO01-01	mg/kg	0.29	176	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-REF2-SO02-01	mg/kg	0.27	155	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-REF2-SO03-01	mg/kg	0.29	152	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-REF2-SO04-01	mg/kg	0.23	120	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-REF2-SO05-01	mg/kg	0.27	132	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-REF2-SO06-01	mg/kg	0.31	183	610000	61000	23000	2300	224	S

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-REF2-SO01-02	ug/kg	0.34	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO03-02	ug/kg	0.33	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-REF2-SO05-02	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-REF2-SO01-02	ug/kg	0.34	10	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-REF2-SO03-02	ug/kg	0.33	1.4	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-REF2-SO05-02	ug/kg	0.28	6.5	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDT	NA-REF2-SO01-02	ug/kg	0.34	7.3 J	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-REF2-SO03-02	ug/kg	0.33	2.3	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-REF2-SO05-02	ug/kg	0.28	6.4 J	17000	17000	1900	1900	1.7	NS
OLM03.2	Aldrin	NA-REF2-SO01-02	ug/kg	0.34	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO03-02	ug/kg	0.33	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-REF2-SO05-02	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO01-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO03-02	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-REF2-SO05-02	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO01-02	ug/kg	0.34	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO03-02	ug/kg	0.33	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-REF2-SO05-02	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO01-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO03-02	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-REF2-SO05-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO01-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO03-02	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-REF2-SO05-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO01-02	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO03-02	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-REF2-SO05-02	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-REF2-SO01-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO03-02	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-REF2-SO05-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO01-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endrin aldehyde	NA-REF2-SO03-02	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-REF2-SO05-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO01-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO03-02	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-REF2-SO05-02	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO01-02	ug/kg	0.34	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO03-02	ug/kg	0.33	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-REF2-SO05-02	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO01-02	ug/kg	0.34	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO03-02	ug/kg	0.33	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-REF2-SO05-02	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO01-02	ug/kg	0.34	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO03-02	ug/kg	0.33	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-REF2-SO05-02	ug/kg	0.28	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO01-02	ug/kg	0.34	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO03-02	ug/kg	0.33	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-REF2-SO05-02	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO01-02	ug/kg	0.34	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO03-02	ug/kg	0.33	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-REF2-SO05-02	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO01-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO03-02	ug/kg	0.33	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-REF2-SO05-02	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO01-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO03-02	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-REF2-SO05-02	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO01-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO03-02	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-REF2-SO05-02	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO01-02	ug/kg	0.34	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO03-02	ug/kg	0.33	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-REF2-SO05-02	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO01-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO03-02	ug/kg	0.33	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-REF2-SO05-02	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO01-02	ug/kg	68	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO03-02	ug/kg	65	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-REF2-SO05-02	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO01-02	ug/kg	68	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO03-02	ug/kg	65	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-REF2-SO05-02	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO01-02	ug/kg	68	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO03-02	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-REF2-SO05-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO01-02	ug/kg	68	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO03-02	ug/kg	65	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-REF2-SO05-02	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO01-02	ug/kg	68	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO03-02	ug/kg	65	ND	82000	82000	9100	9100	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-REF2-SO05-02	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO01-02	ug/kg	68	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO03-02	ug/kg	65	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-REF2-SO05-02	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO01-02	ug/kg	68	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO03-02	ug/kg	65	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-REF2-SO05-02	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO01-02	ug/kg	68	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO03-02	ug/kg	65	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-REF2-SO05-02	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO01-02	ug/kg	68	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO03-02	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-REF2-SO05-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO01-02	ug/kg	68	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO03-02	ug/kg	65	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-REF2-SO05-02	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO01-02	ug/kg	68	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO03-02	ug/kg	65	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-REF2-SO05-02	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO01-02	ug/kg	68	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO03-02	ug/kg	65	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-REF2-SO05-02	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO01-02	ug/kg	68	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO03-02	ug/kg	65	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-REF2-SO05-02	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO01-02	ug/kg	68	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO03-02	ug/kg	65	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-REF2-SO05-02	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO01-02	ug/kg	68	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO03-02	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-REF2-SO05-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO01-02	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO03-02	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-REF2-SO05-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO01-02	ug/kg	68	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO03-02	ug/kg	65	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-REF2-SO05-02	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO01-02	ug/kg	68	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO03-02	ug/kg	65	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-REF2-SO05-02	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO01-02	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO03-02	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-REF2-SO05-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO01-02	ug/kg	68	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO03-02	ug/kg	65	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-REF2-SO05-02	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO01-02	ug/kg	68	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO03-02	ug/kg	65	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-REF2-SO05-02	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO01-02	ug/kg	68	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO03-02	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-REF2-SO05-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO01-02	ug/kg	68	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO03-02	ug/kg	65	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-REF2-SO05-02	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO01-02	ug/kg	68	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO03-02	ug/kg	65	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-REF2-SO05-02	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO01-02	ug/kg	68	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO03-02	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-REF2-SO05-02	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO01-02	ug/kg	68	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO03-02	ug/kg	65	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-REF2-SO05-02	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO01-02	ug/kg	68	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO03-02	ug/kg	65	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-REF2-SO05-02	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO01-02	ug/kg	68	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO03-02	ug/kg	65	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-REF2-SO05-02	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO01-02	ug/kg	68	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO03-02	ug/kg	65	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-REF2-SO05-02	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO01-02	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO03-02	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-REF2-SO05-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO01-02	ug/kg	68	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO03-02	ug/kg	65	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-REF2-SO05-02	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO01-02	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO03-02	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-REF2-SO05-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO01-02	ug/kg	68	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO03-02	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-REF2-SO05-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO01-02	ug/kg	68	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO03-02	ug/kg	65	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-REF2-SO05-02	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO01-02	ug/kg	68	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO03-02	ug/kg	65	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-REF2-SO05-02	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO01-02	ug/kg	68	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO03-02	ug/kg	65	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-REF2-SO05-02	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO01-02	ug/kg	68	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO03-02	ug/kg	65	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-REF2-SO05-02	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO01-02	ug/kg	68	ND	780	780	87	87	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO03-02	ug/kg	65	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-REF2-SO05-02	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO01-02	ug/kg	68	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO03-02	ug/kg	65	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-REF2-SO05-02	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO01-02	ug/kg	68	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO03-02	ug/kg	65	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Diethylphthalate	NA-REF2-SO05-02	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	58	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO01-02	ug/kg	68	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO03-02	ug/kg	65	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-REF2-SO05-02	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-REF2-SO01-02	ug/kg	68	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-REF2-SO03-02	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluoranthene	NA-REF2-SO05-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO01-02	ug/kg	68	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO03-02	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-REF2-SO05-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO01-02	ug/kg	68	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO03-02	ug/kg	65	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-REF2-SO05-02	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO01-02	ug/kg	68	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO03-02	ug/kg	65	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-REF2-SO05-02	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO01-02	ug/kg	68	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO03-02	ug/kg	65	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-REF2-SO05-02	ug/kg	56	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO01-02	ug/kg	68	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO03-02	ug/kg	65	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-REF2-SO05-02	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO01-02	ug/kg	68	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO03-02	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-REF2-SO05-02	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO01-02	ug/kg	68	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO03-02	ug/kg	65	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-REF2-SO05-02	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO01-02	ug/kg	68	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO03-02	ug/kg	65	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-REF2-SO05-02	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO01-02	ug/kg	68	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO03-02	ug/kg	65	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-REF2-SO05-02	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO01-02	ug/kg	68	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO03-02	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-REF2-SO05-02	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO01-02	ug/kg	68	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO03-02	ug/kg	65	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-REF2-SO05-02	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO01-02	ug/kg	68	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-REF2-SO03-02	ug/kg	65	ND	48000	48000	5300	5300	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Pentachlorophenol	NA-REF2-SO05-02	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO01-02	ug/kg	68	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO03-02	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-REF2-SO05-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-REF2-SO01-02	ug/kg	68	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO03-02	ug/kg	65	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-REF2-SO05-02	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-REF2-SO01-02	ug/kg	68	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-REF2-SO03-02	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Pyrene	NA-REF2-SO05-02	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO01-02	ug/kg	68	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO03-02	ug/kg	65	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-REF2-SO05-02	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO01-02	ug/kg	68	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO03-02	ug/kg	65	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-REF2-SO05-02	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO01-02	ug/kg	68	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO03-02	ug/kg	65	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-REF2-SO05-02	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO01-02	ug/kg	68	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO03-02	ug/kg	65	ND	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-REF2-SO05-02	ug/kg	56	320	2E+08	2E+07	8E+06	780000	77	NS
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO01-02	ug/kg	68	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO03-02	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-REF2-SO05-02	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO01-02	ug/kg	68	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO03-02	ug/kg	65	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-REF2-SO05-02	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO01-02	ug/kg	68	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO03-02	ug/kg	65	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-REF2-SO05-02	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO01-02	ng/kg	0.8	755	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO03-02	ng/kg	1.1	123	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-REF2-SO05-02	ng/kg	1.2	209	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO01-02	ng/kg	0.7	62.4	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO03-02	ng/kg	0.9	17.8	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-REF2-SO05-02	ng/kg	1	29	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO01-02	ng/kg	0.5	104 J	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO03-02	ng/kg	0.8	22.7 J	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-REF2-SO05-02	ng/kg	0.8	33.5	3800	3800	430	430	6	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO01-02	ng/kg	0.4	43	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO03-02	ng/kg	0.5	10.9	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-REF2-SO05-02	ng/kg	0.6	21.9	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO01-02	ng/kg	0.5	7.7 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO03-02	ng/kg	0.6	ND	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-REF2-SO05-02	ng/kg	0.9	4.6 J	3800	3800	430	430	1	NS
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO01-02	ng/kg	0.5	2.5 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO03-02	ng/kg	0.6	ND UJ	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-REF2-SO05-02	ng/kg	0.6	1.2 J	380	380	43	43	NC	NC

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO01-02	ng/kg	0.4	13.7 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO03-02	ng/kg	0.3	2.9 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-REF2-SO05-02	ng/kg	0.5	8.1 J	380	380	43	43	2.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO01-02	ng/kg	0.4	7.9 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO03-02	ng/kg	1.9	ND UJ	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-REF2-SO05-02	ng/kg	0.6	4.5 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO01-02	ng/kg	0.4	6	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO03-02	ng/kg	0.3	1.1 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-REF2-SO05-02	ng/kg	0.5	3.7 J	380	380	43	43	1.1	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO01-02	ng/kg	0.4	11.8 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO03-02	ng/kg	0.6	6.3 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-REF2-SO05-02	ng/kg	0.6	11.1 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO01-02	ng/kg	0.5	0.55 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO03-02	ng/kg	0.4	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-REF2-SO05-02	ng/kg	0.6	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO01-02	ng/kg	0.5	3.1 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO03-02	ng/kg	0.4	0.89 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-REF2-SO05-02	ng/kg	0.7	2.8 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO01-02	ng/kg	0.4	3.4 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO03-02	ng/kg	0.3	0.95 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-REF2-SO05-02	ng/kg	0.5	2 J	760	760	86	86	0.8	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO01-02	ng/kg	0.5	13.5 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO03-02	ng/kg	0.4	2.5 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-REF2-SO05-02	ng/kg	0.6	8.2 J	380	380	43	43	2.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO01-02	ng/kg	0.4	4.4 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO03-02	ng/kg	0.3	1.1 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-REF2-SO05-02	ng/kg	0.5	3.1 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,7,8-TCDD	NA-REF2-SO01-02	ng/kg	0.6	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-REF2-SO03-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-REF2-SO05-02	ng/kg	0.6	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDF	NA-REF2-SO01-02	ng/kg	0.5	4	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO03-02	ng/kg	0.4	0.85 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-REF2-SO05-02	ng/kg	0.7	1.8	380	380	43	43	0.99	NS
SW8290	Total HpCDD	NA-REF2-SO01-02	ng/kg	0.5	178	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-REF2-SO03-02	ng/kg	0.8	43.3	.	.	.	.	13.1	NS
SW8290	Total HpCDD	NA-REF2-SO05-02	ng/kg	0.8	59.8	.	.	.	.	13.1	NS
SW8290	Total HpCDF	NA-REF2-SO01-02	ng/kg	0.5	88.7	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-REF2-SO03-02	ng/kg	0.5	21	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-REF2-SO05-02	ng/kg	0.7	43.8	.	.	.	.	10	NS
SW8290	Total HxCDD	NA-REF2-SO01-02	ng/kg	0.4	70.4	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-REF2-SO03-02	ng/kg	0.6	25.8	.	.	.	.	19.1	NS
SW8290	Total HxCDD	NA-REF2-SO05-02	ng/kg	0.6	48.2	.	.	.	.	19.1	NS
SW8290	Total HxCDF	NA-REF2-SO01-02	ng/kg	0.4	74.5	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-REF2-SO03-02	ng/kg	0.4	14.2	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-REF2-SO05-02	ng/kg	0.5	38.6	.	.	.	.	11.5	NS
SW8290	Total PeCDD	NA-REF2-SO01-02	ng/kg	0.5	19.1	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-REF2-SO03-02	ng/kg	0.4	2.3	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-REF2-SO05-02	ng/kg	0.7	10.6	.	.	.	.	4.9	NS
SW8290	Total PeCDF	NA-REF2-SO01-02	ng/kg	0.4	40.7	.	.	.	.	12.1	NS

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	Total PeCDF	NA-REF2-SO03-02	ng/kg	0.3	8.4	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-REF2-SO05-02	ng/kg	0.5	25.5	.	.	.	.	12.1	NS
SW8290	Total TCDD	NA-REF2-SO01-02	ng/kg	0.6	10.6	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-REF2-SO03-02	ng/kg	0.3	2	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-REF2-SO05-02	ng/kg	0.6	2.7	.	.	.	.	2.3	NS
SW8290	Total TCDF	NA-REF2-SO01-02	ng/kg	0.5	39.6	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-REF2-SO03-02	ng/kg	0.2	8.6	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-REF2-SO05-02	ng/kg	0.4	26.4	.	.	.	.	13.3	NS
ILM04.0	Cyanide	NA-REF2-SO01-02	mg/kg	0.48	1.4	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-REF2-SO03-02	mg/kg	0.48	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-REF2-SO05-02	mg/kg	0.41	ND	41000	4100	1600	160	0.39	NS
ILMO4.0	Aluminum	NA-REF2-SO01-02	mg/kg	3.2	85800	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-REF2-SO03-02	mg/kg	3.2	108000	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Aluminum	NA-REF2-SO05-02	mg/kg	2.5	58200	2E+06	200000	78000	7800	57700	NS
ILMO4.0	Antimony	NA-REF2-SO01-02	mg/kg	0.8	2.2 J	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-REF2-SO03-02	mg/kg	0.79	1.6 J	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-REF2-SO05-02	mg/kg	0.62	1.1 J	820	82	31	3.1	1.5	NS
ILMO4.0	Arsenic	NA-REF2-SO01-02	mg/kg	1.1	5.9	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-REF2-SO03-02	mg/kg	1	4.8	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-REF2-SO05-02	mg/kg	0.83	3.6	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Barium	NA-REF2-SO01-02	mg/kg	0.27	96.1	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-REF2-SO03-02	mg/kg	0.26	198 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-REF2-SO05-02	mg/kg	0.21	73.7 K	140000	14000	5500	550	72.3	NS
ILMO4.0	Beryllium	NA-REF2-SO01-02	mg/kg	0.27	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-REF2-SO03-02	mg/kg	0.26	0.26	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-REF2-SO05-02	mg/kg	0.21	ND	4100	410	160	16	NC	NC
ILMO4.0	Cadmium	NA-REF2-SO01-02	mg/kg	0.27	1 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-REF2-SO03-02	mg/kg	0.26	1.4 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Cadmium	NA-REF2-SO05-02	mg/kg	0.21	1 K	1000	100	39	3.9	0.53	NS
ILMO4.0	Calcium	NA-REF2-SO01-02	mg/kg	7	5090	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-REF2-SO03-02	mg/kg	6.9	3890	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-REF2-SO05-02	mg/kg	5.4	8180	.	.	.	.	11600	NS
ILMO4.0	Chromium	NA-REF2-SO01-02	mg/kg	0.27	50.6	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-REF2-SO03-02	mg/kg	0.26	49.4	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-REF2-SO05-02	mg/kg	0.21	29.7	10000	1000	390	39	30.8	NS
ILMO4.0	Cobalt	NA-REF2-SO01-02	mg/kg	0.27	34.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-REF2-SO03-02	mg/kg	0.26	42.4	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-REF2-SO05-02	mg/kg	0.21	25.5	120000	12000	4700	470	25	NS
ILMO4.0	Copper	NA-REF2-SO01-02	mg/kg	0.27	189	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-REF2-SO03-02	mg/kg	0.26	179	82000	8200	3100	310	116	NS
ILMO4.0	Copper	NA-REF2-SO05-02	mg/kg	0.21	125	82000	8200	3100	310	116	NS
ILMO4.0	Iron	NA-REF2-SO01-02	mg/kg	3.7	74600	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-REF2-SO03-02	mg/kg	3.7	87500	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-REF2-SO05-02	mg/kg	2.9	51400	610000	61000	23000	2300	51800	NS
ILMO4.0	Lead	NA-REF2-SO01-02	mg/kg	0.53	48.1	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-REF2-SO03-02	mg/kg	0.53	19.4	400	400	400	400	8.7	NS
ILMO4.0	Lead	NA-REF2-SO05-02	mg/kg	0.41	15.4	400	400	400	400	8.7	NS
ILMO4.0	Magnesium	NA-REF2-SO01-02	mg/kg	2.4	11500	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-REF2-SO03-02	mg/kg	2.4	14500	.	.	.	.	12200	NS

Appendix F-10
Reference Area 2 - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residentail		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Magnesium	NA-REF2-SO05-02	mg/kg	1.9	11200	.	.	.	.	12200	NS
ILMO4.0	Manganese	NA-REF2-SO01-02	mg/kg	0.27	1350	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-REF2-SO03-02	mg/kg	0.26	1530	41000	4100	1600	160	890	NS
ILMO4.0	Manganese	NA-REF2-SO05-02	mg/kg	0.21	933	41000	4100	1600	160	890	NS
ILMO4.0	Mercury	NA-REF2-SO01-02	mg/kg	0.03	0.22	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-REF2-SO03-02	mg/kg	0.03	0.08	200	20	7.8	0.78	0.04	NS
ILMO4.0	Mercury	NA-REF2-SO05-02	mg/kg	0.03	0.1	200	20	7.8	0.78	0.04	NS
ILMO4.0	Nickel	NA-REF2-SO01-02	mg/kg	0.27	46.1	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-REF2-SO03-02	mg/kg	0.53	47.9	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-REF2-SO05-02	mg/kg	0.21	33.2	41000	4100	1600	160	32.9	NS
ILMO4.0	Potassium	NA-REF2-SO01-02	mg/kg	1.6	371	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-REF2-SO03-02	mg/kg	1.6	292	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-REF2-SO05-02	mg/kg	1.2	290	.	.	.	.	285	NS
ILMO4.0	Selenium	NA-REF2-SO01-02	mg/kg	0.53	ND UL	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-REF2-SO03-02	mg/kg	0.53	ND UL	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-REF2-SO05-02	mg/kg	0.41	0.88 L	10000	1000	390	39	0.6	NS
ILMO4.0	Silver	NA-REF2-SO01-02	mg/kg	0.27	1.3	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-REF2-SO03-02	mg/kg	0.26	0.57	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-REF2-SO05-02	mg/kg	0.21	0.33	10000	1000	390	39	NC	NC
ILMO4.0	Sodium	NA-REF2-SO01-02	mg/kg	26.7	326	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-REF2-SO03-02	mg/kg	26.4	422	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-REF2-SO05-02	mg/kg	20.7	1080	.	.	.	.	2030	NS
ILMO4.0	Thallium	NA-REF2-SO01-02	mg/kg	1.1	5.6 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-REF2-SO03-02	mg/kg	1	3.2 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-REF2-SO05-02	mg/kg	0.83	1.3 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Vanadium	NA-REF2-SO01-02	mg/kg	0.27	326	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-REF2-SO03-02	mg/kg	0.26	355	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-REF2-SO05-02	mg/kg	0.21	213	14000	1400	550	55	219	NS
ILMO4.0	Zinc	NA-REF2-SO01-02	mg/kg	0.27	190	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-REF2-SO03-02	mg/kg	0.26	116	610000	61000	23000	2300	48.6	NS
ILMO4.0	Zinc	NA-REF2-SO05-02	mg/kg	0.21	68.6	610000	61000	23000	2300	48.6	NS
300	Chloride	NA-REF2-SO05-02	mg/kg	0.83	3.38	200000	20000	7800	780	9.64	NS
300	Fluoride	NA-REF2-SO05-02	mg/kg	0.41	ND	120000	12000	4700	470	NC	NC
353.2	Nitrate	NA-REF2-SO05-02	mg/kg	0.83	7.16	3E+06	330000	130000	13000	6.74	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDD	NA-TRND-SO01-01	ug/kg	0.29	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO02-01	ug/kg	0.31	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO03-01	ug/kg	0.24	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO04-31	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO05-01	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO06-01	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO07-01	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO08-01	ug/kg	0.35	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO09-01	ug/kg	0.32	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO10-01	ug/kg	0.32	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO11-01	ug/kg	0.24	18	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO12-01	ug/kg	0.34	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO13-01	ug/kg	0.31	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO14-01	ug/kg	0.31	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO15-01	ug/kg	0.29	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO16-01	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO17-01	ug/kg	0.24	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO18-01	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO19-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO20-01	ug/kg	0.31	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO21-01	ug/kg	0.26	9.7	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO22-01	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO23-01	ug/kg	0.32	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO24-31	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO25-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO26-01	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO27-01	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO28-01	ug/kg	0.26	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO29-01	ug/kg	0.27	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO30-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO31-01	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO32-01	ug/kg	0.28	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO33-01	ug/kg	0.33	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-TRND-SO01-01	ug/kg	0.29	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO02-01	ug/kg	0.31	2.7 J	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO03-01	ug/kg	0.24	6.5	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO04-31	ug/kg	3	730	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO05-01	ug/kg	0.3	19	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO06-01	ug/kg	0.25	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO07-01	ug/kg	0.3	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO08-01	ug/kg	0.35	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO09-01	ug/kg	0.32	3	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO10-01	ug/kg	0.32	14	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO11-01	ug/kg	0.24	76	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO12-01	ug/kg	0.34	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO13-01	ug/kg	0.31	6	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO14-01	ug/kg	0.31	73	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO15-01	ug/kg	0.29	4	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO16-01	ug/kg	0.3	1.7	17000	17000	1900	1900	990	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDE	NA-TRND-SO17-01	ug/kg	0.24	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO18-01	ug/kg	0.27	1.1	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO19-01	ug/kg	0.28	25	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO20-01	ug/kg	0.31	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO21-01	ug/kg	2.6	160	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO22-01	ug/kg	0.25	10	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO23-01	ug/kg	0.32	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO24-31	ug/kg	0.26	49	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO25-01	ug/kg	0.28	0.53	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO26-01	ug/kg	0.27	14	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO27-01	ug/kg	0.3	36	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO28-01	ug/kg	0.26	60	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO29-01	ug/kg	0.27	2.4	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO30-01	ug/kg	0.28	5	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO31-01	ug/kg	0.3	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO32-01	ug/kg	0.28	27	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDE	NA-TRND-SO33-01	ug/kg	0.33	ND	17000	17000	1900	1900	990	NS
OLM03.2	4,4'-DDT	NA-TRND-SO01-01	ug/kg	0.29	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO02-01	ug/kg	0.31	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO03-01	ug/kg	0.24	11 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO04-31	ug/kg	3	840	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO05-01	ug/kg	0.3	11	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO06-01	ug/kg	0.25	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO07-01	ug/kg	0.3	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO08-01	ug/kg	0.35	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO09-01	ug/kg	0.32	2.8 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO10-01	ug/kg	0.32	22	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO11-01	ug/kg	0.97	200	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO12-01	ug/kg	0.34	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO13-01	ug/kg	0.31	5.6 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO14-01	ug/kg	0.31	74	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO15-01	ug/kg	0.29	ND UJ	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO16-01	ug/kg	0.3	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO17-01	ug/kg	0.24	0.84 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO18-01	ug/kg	0.27	2.2 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO19-01	ug/kg	0.28	17 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO20-01	ug/kg	0.31	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO21-01	ug/kg	2.6	430	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO22-01	ug/kg	0.25	17 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO23-01	ug/kg	0.32	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO24-31	ug/kg	0.26	46	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO25-01	ug/kg	0.28	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO26-01	ug/kg	0.27	6.9 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO27-01	ug/kg	0.3	28 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO28-01	ug/kg	0.26	42 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO29-01	ug/kg	0.27	4.1 J	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO30-01	ug/kg	0.28	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO31-01	ug/kg	0.3	ND	17000	17000	1900	1900	200	NS
OLM03.2	4,4'-DDT	NA-TRND-SO32-01	ug/kg	0.28	20	17000	17000	1900	1900	200	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	4,4'-DDT	NA-TRND-SO33-01	ug/kg	0.33	ND	17000	17000	1900	1900	200	NS
OLM03.2	Aldrin	NA-TRND-SO01-01	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO02-01	ug/kg	0.31	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO03-01	ug/kg	0.24	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO04-31	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO05-01	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO06-01	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO07-01	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO08-01	ug/kg	0.35	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO09-01	ug/kg	0.32	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO10-01	ug/kg	0.32	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO11-01	ug/kg	0.24	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO12-01	ug/kg	0.34	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO13-01	ug/kg	0.31	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO14-01	ug/kg	0.31	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO15-01	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO16-01	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO17-01	ug/kg	0.24	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO18-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO19-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO20-01	ug/kg	0.31	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO21-01	ug/kg	0.26	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO22-01	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO23-01	ug/kg	0.32	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO24-31	ug/kg	0.26	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO25-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO26-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO27-01	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO28-01	ug/kg	0.26	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO29-01	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO30-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO31-01	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO32-01	ug/kg	0.28	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO33-01	ug/kg	0.33	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	Aroclor-1016	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	Aroclor-1221	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1242	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1248	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO10-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO01-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO02-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO03-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO04-31	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO05-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO06-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO07-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO08-01	ug/kg	0.35	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO09-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO10-01	ug/kg	0.32	210	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO11-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO12-01	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO13-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Aroclor-1260	NA-TRND-SO14-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO15-01	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO16-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO17-01	ug/kg	0.24	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO18-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO19-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO20-01	ug/kg	0.31	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO21-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO22-01	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO23-01	ug/kg	0.32	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO24-31	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO25-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO26-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO27-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO28-01	ug/kg	0.26	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO29-01	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO30-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO31-01	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO32-01	ug/kg	0.28	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO33-01	ug/kg	0.33	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO01-01	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO02-01	ug/kg	0.31	ND	360	360	40	40	NC	NC
M03.2	Dieldrin	NA-TRND-SO03-01	ug/kg	0.24	ND	360	360	40	40	NC	NC
LM03.2	Dieldrin	NA-TRND-SO04-31	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO05-01	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO06-01	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO07-01	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO08-01	ug/kg	0.35	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO09-01	ug/kg	0.32	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO10-01	ug/kg	0.32	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO11-01	ug/kg	0.24	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO12-01	ug/kg	0.34	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO13-01	ug/kg	0.31	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO14-01	ug/kg	0.31	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO15-01	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO16-01	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO17-01	ug/kg	0.24	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO18-01	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO19-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO20-01	ug/kg	0.31	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO21-01	ug/kg	0.26	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO22-01	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO23-01	ug/kg	0.32	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO24-31	ug/kg	0.26	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO25-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO26-01	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO27-01	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO28-01	ug/kg	0.26	ND	360	360	40	40	NC	NC
M03.2	Dieldrin	NA-TRND-SO29-01	ug/kg	0.27	ND	360	360	40	40	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Dieldrin	NA-TRND-SO30-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO31-01	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO32-01	ug/kg	0.28	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO33-01	ug/kg	0.33	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO01-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO02-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO03-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO04-31	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO05-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO06-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO07-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO08-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO09-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO10-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO11-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO12-01	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO13-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO14-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO15-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO16-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO17-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO18-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO19-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO20-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO21-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO22-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO23-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO24-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO25-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO26-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO27-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO28-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO29-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO30-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO31-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO32-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO33-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO01-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO02-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO03-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO04-31	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO05-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO06-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO07-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO08-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO09-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO10-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO11-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO12-01	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan II	NA-TRND-SO13-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO14-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO15-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO16-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO17-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO18-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO19-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO20-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO21-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO22-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO23-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO24-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO25-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO26-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO27-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO28-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO29-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO30-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO31-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO32-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO33-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO01-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO02-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO03-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO04-31	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO05-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO06-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO07-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO08-01	ug/kg	0.35	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO09-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO10-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO11-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO12-01	ug/kg	0.34	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO13-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO14-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO15-01	ug/kg	0.29	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO16-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO17-01	ug/kg	0.24	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO18-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO19-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO20-01	ug/kg	0.31	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO21-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO22-01	ug/kg	0.25	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO23-01	ug/kg	0.32	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO24-31	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO25-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO26-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO27-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO28-01	ug/kg	0.26	ND	1E+07	1E+06	470000	47000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Endosulfan sulfate	NA-TRND-SO29-01	ug/kg	0.27	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO30-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO31-01	ug/kg	0.3	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO32-01	ug/kg	0.28	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO33-01	ug/kg	0.33	ND	1E+07	1E+06	470000	47000	NC	NC
OLM03.2	Endrin	NA-TRND-SO01-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO02-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO03-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO04-31	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO05-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO06-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO07-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO08-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO09-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO10-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO11-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO12-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO13-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO14-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO15-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO16-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO17-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO18-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO19-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO20-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO21-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO22-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO23-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO24-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO25-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO26-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO27-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO28-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO29-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO30-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO31-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO32-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO33-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO01-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO02-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO03-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO04-31	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO05-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO06-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO07-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO08-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO09-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO10-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO11-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	Endrin aldehyde	NA-TRND-SO12-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO13-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO14-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO15-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO16-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO17-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO18-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO19-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO20-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO21-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO22-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO23-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO24-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO25-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO26-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO27-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO28-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO29-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO30-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO31-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO32-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO33-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
M03.2	Endrin ketone	NA-TRND-SO01-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
LM03.2	Endrin ketone	NA-TRND-SO02-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO03-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO04-31	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO05-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO06-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO07-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO08-01	ug/kg	0.35	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO09-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO10-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO11-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO12-01	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO13-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO14-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO15-01	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO16-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO17-01	ug/kg	0.24	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO18-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO19-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO20-01	ug/kg	0.31	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO21-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO22-01	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO23-01	ug/kg	0.32	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO24-31	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO25-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO26-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
M03.2	Endrin ketone	NA-TRND-SO27-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	Endrin ketone	NA-TRND-SO28-01	ug/kg	0.26	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO29-01	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO30-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO31-01	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO32-01	ug/kg	0.28	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO33-01	ug/kg	0.33	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO01-01	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO02-01	ug/kg	0.31	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO03-01	ug/kg	0.24	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO04-31	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO05-01	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO06-01	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO07-01	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO08-01	ug/kg	0.35	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO09-01	ug/kg	0.32	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO10-01	ug/kg	0.32	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO11-01	ug/kg	0.24	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO12-01	ug/kg	0.34	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO13-01	ug/kg	0.31	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO14-01	ug/kg	0.31	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO15-01	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO16-01	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO17-01	ug/kg	0.24	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO18-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO19-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO20-01	ug/kg	0.31	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO21-01	ug/kg	0.26	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO22-01	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO23-01	ug/kg	0.32	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO24-31	ug/kg	0.26	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO25-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO26-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO27-01	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO28-01	ug/kg	0.26	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO29-01	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO30-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO31-01	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO32-01	ug/kg	0.28	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO33-01	ug/kg	0.33	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO01-01	ug/kg	0.29	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO02-01	ug/kg	0.31	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO03-01	ug/kg	0.24	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO04-31	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO05-01	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO06-01	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO07-01	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO08-01	ug/kg	0.35	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO09-01	ug/kg	0.32	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO10-01	ug/kg	0.32	ND	630	630	70	70	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Heptachlor epoxide	NA-TRND-SO11-01	ug/kg	0.24	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO12-01	ug/kg	0.34	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO13-01	ug/kg	0.31	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO14-01	ug/kg	0.31	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO15-01	ug/kg	0.29	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO16-01	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO17-01	ug/kg	0.24	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO18-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO19-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO20-01	ug/kg	0.31	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO21-01	ug/kg	0.26	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO22-01	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO23-01	ug/kg	0.32	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO24-31	ug/kg	0.26	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO25-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO26-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO27-01	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO28-01	ug/kg	0.26	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO29-01	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO30-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO31-01	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO32-01	ug/kg	0.28	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO33-01	ug/kg	0.33	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO01-01	ug/kg	0.29	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO02-01	ug/kg	0.31	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO03-01	ug/kg	0.24	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO04-31	ug/kg	0.3	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO05-01	ug/kg	0.3	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO06-01	ug/kg	0.25	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO07-01	ug/kg	0.3	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO08-01	ug/kg	0.35	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO09-01	ug/kg	0.32	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO10-01	ug/kg	0.32	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO11-01	ug/kg	0.24	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO12-01	ug/kg	0.34	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO13-01	ug/kg	0.31	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO14-01	ug/kg	0.31	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO15-01	ug/kg	0.29	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO16-01	ug/kg	0.3	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO17-01	ug/kg	0.24	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO18-01	ug/kg	0.27	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO19-01	ug/kg	0.28	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO20-01	ug/kg	0.31	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO21-01	ug/kg	0.26	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO22-01	ug/kg	0.25	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO23-01	ug/kg	0.32	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO24-31	ug/kg	0.26	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO25-01	ug/kg	0.28	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO26-01	ug/kg	0.27	ND UJ	1E+07	1E+06	390000	39000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	Methoxychlor	NA-TRND-SO27-01	ug/kg	0.3	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO28-01	ug/kg	0.26	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO29-01	ug/kg	0.27	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO30-01	ug/kg	0.28	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO31-01	ug/kg	0.3	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO32-01	ug/kg	0.28	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO33-01	ug/kg	0.33	ND	1E+07	1E+06	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO01-01	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO02-01	ug/kg	0.31	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO03-01	ug/kg	0.24	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO04-31	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO05-01	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO06-01	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO07-01	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO08-01	ug/kg	0.35	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO09-01	ug/kg	0.32	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO10-01	ug/kg	0.32	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO11-01	ug/kg	0.24	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO12-01	ug/kg	0.34	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO13-01	ug/kg	0.31	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO14-01	ug/kg	0.31	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO15-01	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO16-01	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO17-01	ug/kg	0.24	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO18-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO19-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO20-01	ug/kg	0.31	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO21-01	ug/kg	0.26	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO22-01	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO23-01	ug/kg	0.32	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO24-31	ug/kg	0.26	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO25-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO26-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO27-01	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO28-01	ug/kg	0.26	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO29-01	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO30-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO31-01	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO32-01	ug/kg	0.28	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO33-01	ug/kg	0.33	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO01-01	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO02-01	ug/kg	0.31	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO03-01	ug/kg	0.24	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO04-31	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO05-01	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO06-01	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO07-01	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO08-01	ug/kg	0.35	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO09-01	ug/kg	0.32	ND	910	910	100	100	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
OLM03.2	alpha-BHC	NA-TRND-SO10-01	ug/kg	0.32	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO11-01	ug/kg	0.24	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO12-01	ug/kg	0.34	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO13-01	ug/kg	0.31	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO14-01	ug/kg	0.31	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO15-01	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO16-01	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO17-01	ug/kg	0.24	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO18-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO19-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO20-01	ug/kg	0.31	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO21-01	ug/kg	0.26	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO22-01	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO23-01	ug/kg	0.32	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO24-31	ug/kg	0.26	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO25-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO26-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO27-01	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO28-01	ug/kg	0.26	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO29-01	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO30-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO31-01	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO32-01	ug/kg	0.28	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO33-01	ug/kg	0.33	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO01-01	ug/kg	0.29	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO02-01	ug/kg	0.31	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO03-01	ug/kg	0.24	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO04-31	ug/kg	0.3	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO05-01	ug/kg	0.3	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO06-01	ug/kg	0.25	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO07-01	ug/kg	0.3	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO08-01	ug/kg	0.35	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO09-01	ug/kg	0.32	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO10-01	ug/kg	0.32	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO11-01	ug/kg	0.24	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO12-01	ug/kg	0.34	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO13-01	ug/kg	0.31	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO14-01	ug/kg	0.31	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO15-01	ug/kg	0.29	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO16-01	ug/kg	0.3	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO17-01	ug/kg	0.24	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO18-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO19-01	ug/kg	0.28	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO20-01	ug/kg	0.31	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO21-01	ug/kg	0.26	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO22-01	ug/kg	0.25	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO23-01	ug/kg	0.32	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO24-31	ug/kg	0.26	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO25-01	ug/kg	0.28	ND	16000	16000	1800	1800	0.87	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLM03.2	alpha-Chlordane	NA-TRND-SO26-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO27-01	ug/kg	0.3	2.7	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO28-01	ug/kg	0.26	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO29-01	ug/kg	0.27	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO30-01	ug/kg	0.28	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO31-01	ug/kg	0.3	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO32-01	ug/kg	0.28	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	alpha-Chlordane	NA-TRND-SO33-01	ug/kg	0.33	ND	16000	16000	1800	1800	0.87	NS
OLM03.2	beta-BHC	NA-TRND-SO01-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO02-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO03-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO04-31	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO05-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO06-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO07-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO08-01	ug/kg	0.35	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO09-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO10-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO11-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO12-01	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO13-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO14-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO15-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO16-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO17-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO18-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO19-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO20-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO21-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO22-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO23-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO24-31	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO25-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO26-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO27-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO28-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO29-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO30-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO31-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO32-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO33-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO01-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO02-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO03-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO04-31	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO05-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO06-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO07-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO08-01	ug/kg	0.35	ND	3200	3200	350	350	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	delta-BHC	NA-TRND-SO09-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO10-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO11-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO12-01	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO13-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO14-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO15-01	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO16-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO17-01	ug/kg	0.24	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO18-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO19-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO20-01	ug/kg	0.31	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO21-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO22-01	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO23-01	ug/kg	0.32	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO24-31	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO25-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO26-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO27-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO28-01	ug/kg	0.26	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO29-01	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO30-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO31-01	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO32-01	ug/kg	0.28	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO33-01	ug/kg	0.33	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO01-01	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO02-01	ug/kg	0.31	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO03-01	ug/kg	0.24	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO04-31	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO05-01	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO06-01	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO07-01	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO08-01	ug/kg	0.35	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO09-01	ug/kg	0.32	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO10-01	ug/kg	0.32	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO11-01	ug/kg	0.24	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO12-01	ug/kg	0.34	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO13-01	ug/kg	0.31	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO14-01	ug/kg	0.31	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO15-01	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO16-01	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO17-01	ug/kg	0.24	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO18-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO19-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO20-01	ug/kg	0.31	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO21-01	ug/kg	0.26	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO22-01	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO23-01	ug/kg	0.32	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO24-31	ug/kg	0.26	ND	4400	4400	490	490	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO25-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO26-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO27-01	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO28-01	ug/kg	0.26	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO29-01	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO30-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO31-01	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO32-01	ug/kg	0.28	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO33-01	ug/kg	0.33	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO01-01	ug/kg	0.29	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO02-01	ug/kg	0.31	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO03-01	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO04-31	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO05-01	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO06-01	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO07-01	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO08-01	ug/kg	0.35	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO09-01	ug/kg	0.32	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO10-01	ug/kg	0.32	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO11-01	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO12-01	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO13-01	ug/kg	0.31	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO14-01	ug/kg	0.31	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO15-01	ug/kg	0.29	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO16-01	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO17-01	ug/kg	0.24	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO18-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO19-01	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO20-01	ug/kg	0.31	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO21-01	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO22-01	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO23-01	ug/kg	0.32	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO24-31	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO25-01	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO26-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO27-01	ug/kg	0.3	2.1	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO28-01	ug/kg	0.26	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO29-01	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO30-01	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO31-01	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO32-01	ug/kg	0.28	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO33-01	ug/kg	0.33	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO04-31	ug/kg	61	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO05-01	ug/kg	60	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO07-01	ug/kg	60	ND	2E+07	2E+06	780000	78000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO08-01	ug/kg	69	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO09-01	ug/kg	64	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO10-01	ug/kg	63	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO11-01	ug/kg	48	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO16-01	ug/kg	61	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO17-01	ug/kg	48	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO18-01	ug/kg	54	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO19-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO20-01	ug/kg	62	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO21-01	ug/kg	52	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO22-01	ug/kg	50	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO23-01	ug/kg	64	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO24-31	ug/kg	53	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO25-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO26-01	ug/kg	55	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO27-01	ug/kg	60	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO28-01	ug/kg	51	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO29-01	ug/kg	54	ND	2E+07	2E+06	780000	78000	NC	NC
MO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO30-01	ug/kg	56	ND	2E+07	2E+06	780000	78000	NC	NC
LMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO31-01	ug/kg	61	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO32-01	ug/kg	57	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO33-01	ug/kg	65	ND	2E+07	2E+06	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO04-31	ug/kg	61	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO05-01	ug/kg	60	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO07-01	ug/kg	60	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO08-01	ug/kg	69	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO09-01	ug/kg	64	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO10-01	ug/kg	63	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO11-01	ug/kg	48	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO16-01	ug/kg	61	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO17-01	ug/kg	48	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO18-01	ug/kg	54	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO19-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO20-01	ug/kg	62	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO21-01	ug/kg	52	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO22-01	ug/kg	50	ND	2E+08	2E+07	7E+06	700000	NC	NC
MO3.2	1,2-Dichlorobenzene	NA-TRND-SO23-01	ug/kg	64	ND	2E+08	2E+07	7E+06	700000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO24-31	ug/kg	53	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO25-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO26-01	ug/kg	55	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO27-01	ug/kg	60	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO28-01	ug/kg	51	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO29-01	ug/kg	54	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO30-01	ug/kg	56	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO31-01	ug/kg	61	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO32-01	ug/kg	57	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO33-01	ug/kg	65	ND	2E+08	2E+07	7E+06	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO04-31	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO05-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO07-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO08-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO09-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO10-01	ug/kg	63	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO11-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO16-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO17-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO18-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO19-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO20-01	ug/kg	62	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO21-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO22-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO23-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO24-31	ug/kg	53	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO25-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO26-01	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO27-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO28-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO29-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO30-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO31-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO32-01	ug/kg	57	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO33-01	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO04-31	ug/kg	61	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO05-01	ug/kg	60	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	240000	240000	27000	27000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO07-01	ug/kg	60	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO08-01	ug/kg	69	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO09-01	ug/kg	64	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO10-01	ug/kg	63	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO11-01	ug/kg	48	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO16-01	ug/kg	61	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO17-01	ug/kg	48	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO18-01	ug/kg	54	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO19-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO20-01	ug/kg	62	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO21-01	ug/kg	52	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO22-01	ug/kg	50	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO23-01	ug/kg	64	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO24-31	ug/kg	53	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO25-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO26-01	ug/kg	55	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO27-01	ug/kg	60	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO28-01	ug/kg	51	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO29-01	ug/kg	54	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO30-01	ug/kg	56	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO31-01	ug/kg	61	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO32-01	ug/kg	57	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO33-01	ug/kg	65	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO01-01	ug/kg	58	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO02-01	ug/kg	62	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO03-01	ug/kg	48	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO04-31	ug/kg	61	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO05-01	ug/kg	60	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO06-01	ug/kg	51	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO07-01	ug/kg	60	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO08-01	ug/kg	69	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO09-01	ug/kg	64	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO10-01	ug/kg	63	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO11-01	ug/kg	48	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO12-01	ug/kg	67	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO13-01	ug/kg	62	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO14-01	ug/kg	62	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO15-01	ug/kg	58	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO16-01	ug/kg	61	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO17-01	ug/kg	48	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO18-01	ug/kg	54	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO19-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO20-01	ug/kg	62	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO21-01	ug/kg	52	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO22-01	ug/kg	50	ND	82000	82000	9100	9100	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO23-01	ug/kg	64	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO24-31	ug/kg	53	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO25-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO26-01	ug/kg	55	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO27-01	ug/kg	60	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO28-01	ug/kg	51	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO29-01	ug/kg	54	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO30-01	ug/kg	56	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO31-01	ug/kg	61	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO32-01	ug/kg	57	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO33-01	ug/kg	65	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO04-31	ug/kg	61	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO05-01	ug/kg	60	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO07-01	ug/kg	60	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO08-01	ug/kg	69	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO09-01	ug/kg	64	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO10-01	ug/kg	63	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO11-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO16-01	ug/kg	61	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO17-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO18-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO19-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO20-01	ug/kg	62	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO21-01	ug/kg	52	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO22-01	ug/kg	50	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO23-01	ug/kg	64	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO24-31	ug/kg	53	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO25-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO26-01	ug/kg	55	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO27-01	ug/kg	60	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO28-01	ug/kg	51	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO29-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO30-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO31-01	ug/kg	61	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO32-01	ug/kg	57	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO33-01	ug/kg	65	ND	2E+08	2E+07	8E+06	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO04-31	ug/kg	61	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO05-01	ug/kg	60	ND	520000	520000	58000	58000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO07-01	ug/kg	60	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO08-01	ug/kg	69	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO09-01	ug/kg	64	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO10-01	ug/kg	63	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO11-01	ug/kg	48	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO16-01	ug/kg	61	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO17-01	ug/kg	48	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO18-01	ug/kg	54	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO19-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO20-01	ug/kg	62	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO21-01	ug/kg	52	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO22-01	ug/kg	50	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO23-01	ug/kg	64	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO24-31	ug/kg	53	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO25-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO26-01	ug/kg	55	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO27-01	ug/kg	60	ND	520000	520000	58000	58000	NC	NC
MO3.2	2,4,6-Trichlorophenol	NA-TRND-SO28-01	ug/kg	51	ND	520000	520000	58000	58000	NC	NC
LMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO29-01	ug/kg	54	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO30-01	ug/kg	56	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO31-01	ug/kg	61	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO32-01	ug/kg	57	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO33-01	ug/kg	65	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO04-31	ug/kg	61	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO05-01	ug/kg	60	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO07-01	ug/kg	60	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO08-01	ug/kg	69	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO09-01	ug/kg	64	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO10-01	ug/kg	63	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO11-01	ug/kg	48	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO16-01	ug/kg	61	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO17-01	ug/kg	48	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO18-01	ug/kg	54	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO19-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO20-01	ug/kg	62	ND	6E+06	610000	230000	23000	NC	NC
MO3.2	2,4-Dichlorophenol	NA-TRND-SO21-01	ug/kg	52	ND	6E+06	610000	230000	23000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO22-01	ug/kg	50	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO23-01	ug/kg	64	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO24-31	ug/kg	53	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO25-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO26-01	ug/kg	55	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO27-01	ug/kg	60	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO28-01	ug/kg	51	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO29-01	ug/kg	54	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO30-01	ug/kg	56	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO31-01	ug/kg	61	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO32-01	ug/kg	57	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO33-01	ug/kg	65	ND	6E+06	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO04-31	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO05-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO07-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO08-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO09-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO10-01	ug/kg	63	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO11-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO16-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO17-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO18-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO19-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO20-01	ug/kg	62	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO21-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO22-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO23-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO24-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO25-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO26-01	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO27-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO28-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO29-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO30-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO31-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO32-01	ug/kg	57	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO33-01	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO04-31	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO05-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO07-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO08-01	ug/kg	69	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO09-01	ug/kg	64	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO10-01	ug/kg	63	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO11-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO16-01	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO17-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO18-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO19-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO20-01	ug/kg	62	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO21-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO22-01	ug/kg	50	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO23-01	ug/kg	64	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO24-31	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO25-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO26-01	ug/kg	55	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO27-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO28-01	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO29-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO30-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO31-01	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO32-01	ug/kg	57	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO33-01	ug/kg	65	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO04-31	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO05-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO07-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO08-01	ug/kg	69	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO09-01	ug/kg	64	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO10-01	ug/kg	63	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO11-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO13-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO16-01	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO17-01	ug/kg	48	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO18-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO19-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO20-01	ug/kg	62	ND	4E+06	410000	160000	16000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO21-01	ug/kg	52	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO22-01	ug/kg	50	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO23-01	ug/kg	64	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO24-31	ug/kg	53	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO25-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO26-01	ug/kg	55	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO27-01	ug/kg	60	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO28-01	ug/kg	51	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO29-01	ug/kg	54	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO30-01	ug/kg	56	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO31-01	ug/kg	61	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO32-01	ug/kg	57	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO33-01	ug/kg	65	ND	4E+06	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO04-31	ug/kg	61	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO05-01	ug/kg	60	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO07-01	ug/kg	60	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO08-01	ug/kg	69	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO09-01	ug/kg	64	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO10-01	ug/kg	63	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO11-01	ug/kg	48	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO16-01	ug/kg	61	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO17-01	ug/kg	48	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO18-01	ug/kg	54	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO19-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO20-01	ug/kg	62	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO21-01	ug/kg	52	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO22-01	ug/kg	50	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO23-01	ug/kg	64	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO24-31	ug/kg	53	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO25-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO26-01	ug/kg	55	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO27-01	ug/kg	60	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO28-01	ug/kg	51	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO29-01	ug/kg	54	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO30-01	ug/kg	56	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO31-01	ug/kg	61	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO32-01	ug/kg	57	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO33-01	ug/kg	65	ND	2E+06	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO04-31	ug/kg	61	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO05-01	ug/kg	60	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO07-01	ug/kg	60	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO08-01	ug/kg	69	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO09-01	ug/kg	64	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO10-01	ug/kg	63	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO11-01	ug/kg	48	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO16-01	ug/kg	61	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO17-01	ug/kg	48	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO18-01	ug/kg	54	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO19-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO20-01	ug/kg	62	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO21-01	ug/kg	52	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO22-01	ug/kg	50	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO23-01	ug/kg	64	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO24-31	ug/kg	53	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO25-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO26-01	ug/kg	55	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO27-01	ug/kg	60	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO28-01	ug/kg	51	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO29-01	ug/kg	54	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO30-01	ug/kg	56	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO31-01	ug/kg	61	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO32-01	ug/kg	57	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO33-01	ug/kg	65	ND	2E+08	2E+07	6E+06	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO04-31	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO05-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO07-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO08-01	ug/kg	69	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO09-01	ug/kg	64	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO10-01	ug/kg	63	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO11-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO16-01	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO17-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO18-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO19-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Chlorophenol	NA-TRND-SO20-01	ug/kg	62	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO21-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO22-01	ug/kg	50	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO23-01	ug/kg	64	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO24-31	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO25-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO26-01	ug/kg	55	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO27-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO28-01	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO29-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO30-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO31-01	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO32-01	ug/kg	57	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO33-01	ug/kg	65	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO01-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO04-31	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO05-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO06-01	ug/kg	51	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO07-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO08-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO09-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO10-01	ug/kg	63	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO11-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO13-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO16-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO17-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO18-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO19-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO20-01	ug/kg	62	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO21-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO22-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO23-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO24-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO25-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO26-01	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO27-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO28-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO29-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO30-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO31-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO32-01	ug/kg	57	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO33-01	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO01-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO02-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Nitroaniline	NA-TRND-SO03-01	ug/kg	48	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO04-31	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO05-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO06-01	ug/kg	51	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO07-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO08-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO09-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO10-01	ug/kg	63	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO11-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO12-01	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO13-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO14-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO15-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO16-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO17-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO18-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO19-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO20-01	ug/kg	62	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO21-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO22-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO23-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO24-31	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO25-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO26-01	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO27-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO28-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO29-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO30-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO31-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO32-01	ug/kg	57	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO33-01	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO04-31	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO05-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO07-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO08-01	ug/kg	69	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO09-01	ug/kg	64	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO10-01	ug/kg	63	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO11-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO16-01	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO17-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO18-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	2-Nitrophenol	NA-TRND-SO19-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO20-01	ug/kg	62	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO21-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO22-01	ug/kg	50	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO23-01	ug/kg	64	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO24-31	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO25-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO26-01	ug/kg	55	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO27-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO28-01	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO29-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO30-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO31-01	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO32-01	ug/kg	57	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO33-01	ug/kg	65	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO01-01	ug/kg	58	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO02-01	ug/kg	62	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO03-01	ug/kg	48	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO04-31	ug/kg	61	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO05-01	ug/kg	60	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO06-01	ug/kg	51	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO07-01	ug/kg	60	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO08-01	ug/kg	69	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO09-01	ug/kg	64	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO10-01	ug/kg	63	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO11-01	ug/kg	48	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO12-01	ug/kg	67	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO13-01	ug/kg	62	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO14-01	ug/kg	62	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO15-01	ug/kg	58	ND UJ	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO16-01	ug/kg	61	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO17-01	ug/kg	48	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO18-01	ug/kg	54	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO19-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO20-01	ug/kg	62	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO21-01	ug/kg	52	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO22-01	ug/kg	50	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO23-01	ug/kg	64	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO24-31	ug/kg	53	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO25-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO26-01	ug/kg	55	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO27-01	ug/kg	60	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO28-01	ug/kg	51	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO29-01	ug/kg	54	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO30-01	ug/kg	56	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO31-01	ug/kg	61	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO32-01	ug/kg	57	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3,3'-Dichlorobenzidine	NA-TRND-SO33-01	ug/kg	65	ND	13000	13000	1400	1400	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO01-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	3-Nitroaniline	NA-TRND-SO02-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO03-01	ug/kg	48	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO04-31	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO05-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO06-01	ug/kg	51	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO07-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO08-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO09-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO10-01	ug/kg	63	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO11-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO12-01	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO13-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO14-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO15-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO16-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO17-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO18-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO19-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO20-01	ug/kg	62	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO21-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO22-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO23-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO24-31	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO25-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO26-01	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO27-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO28-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO29-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO30-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO31-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO32-01	ug/kg	57	ND	120000	12000	4700	470	NC	NC
OLMO3.2	3-Nitroaniline	NA-TRND-SO33-01	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO04-31	ug/kg	61	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO05-01	ug/kg	60	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO07-01	ug/kg	60	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO08-01	ug/kg	69	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO09-01	ug/kg	64	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO10-01	ug/kg	63	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO11-01	ug/kg	48	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO16-01	ug/kg	61	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO17-01	ug/kg	48	ND	200000	20000	7800	780	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO18-01	ug/kg	54	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO19-01	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO20-01	ug/kg	62	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO21-01	ug/kg	52	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO22-01	ug/kg	50	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO23-01	ug/kg	64	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO24-31	ug/kg	53	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO25-01	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO26-01	ug/kg	55	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO27-01	ug/kg	60	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO28-01	ug/kg	51	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO29-01	ug/kg	54	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO30-01	ug/kg	56	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO31-01	ug/kg	61	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO32-01	ug/kg	57	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO33-01	ug/kg	65	ND	200000	20000	7800	780	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO04-31	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO05-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO07-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO08-01	ug/kg	69	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO09-01	ug/kg	64	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO10-01	ug/kg	63	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO11-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO16-01	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO17-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO18-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO19-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO20-01	ug/kg	62	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO21-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO22-01	ug/kg	50	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO23-01	ug/kg	64	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO24-31	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO25-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO26-01	ug/kg	55	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO27-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO28-01	ug/kg	51	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO29-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO30-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO31-01	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO32-01	ug/kg	57	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Bromophenyl-phenylether	NA-TRND-SO33-01	ug/kg	65	ND	1E+08	1E+07	5E+06	450000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO04-31	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO05-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO07-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO08-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO09-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO10-01	ug/kg	63	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO11-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO16-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO17-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO18-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO19-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO20-01	ug/kg	62	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO21-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO22-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO23-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO24-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO25-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO26-01	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO27-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO28-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO29-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO30-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO31-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO32-01	ug/kg	57	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloro-3-methylphenol	NA-TRND-SO33-01	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO01-01	ug/kg	58	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO04-31	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO05-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO06-01	ug/kg	51	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO07-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO08-01	ug/kg	69	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO09-01	ug/kg	64	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO10-01	ug/kg	63	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO11-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO13-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO16-01	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chloroaniline	NA-TRND-SO17-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO18-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO19-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO20-01	ug/kg	62	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO21-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO22-01	ug/kg	50	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO23-01	ug/kg	64	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO24-31	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO25-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO26-01	ug/kg	55	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO27-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO28-01	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO29-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO30-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO31-01	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO32-01	ug/kg	57	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chloroaniline	NA-TRND-SO33-01	ug/kg	65	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO04-31	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO05-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO07-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO08-01	ug/kg	69	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO09-01	ug/kg	64	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO10-01	ug/kg	63	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO11-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO16-01	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO17-01	ug/kg	48	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO18-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO19-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO20-01	ug/kg	62	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO21-01	ug/kg	52	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO22-01	ug/kg	50	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO23-01	ug/kg	64	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO24-31	ug/kg	53	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO25-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO26-01	ug/kg	55	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO27-01	ug/kg	60	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO28-01	ug/kg	51	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO29-01	ug/kg	54	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO30-01	ug/kg	56	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO31-01	ug/kg	61	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO32-01	ug/kg	57	ND	1E+08	1E+07	5E+06	450000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Chlorophenyl-phenylether	NA-TRND-SO33-01	ug/kg	65	ND	1E+08	1E+07	5E+06	450000	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO01-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO02-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO03-01	ug/kg	48	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO04-31	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO05-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO06-01	ug/kg	51	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO07-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO08-01	ug/kg	69	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO09-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO10-01	ug/kg	63	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO11-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO12-01	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO13-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO14-01	ug/kg	62	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO15-01	ug/kg	58	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO16-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO17-01	ug/kg	48	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO18-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO19-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO20-01	ug/kg	62	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO21-01	ug/kg	52	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO22-01	ug/kg	50	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO23-01	ug/kg	64	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO24-31	ug/kg	53	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO25-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO26-01	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO27-01	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO28-01	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO29-01	ug/kg	54	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO30-01	ug/kg	56	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO31-01	ug/kg	61	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO32-01	ug/kg	57	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO33-01	ug/kg	65	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO04-31	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO05-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO07-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO08-01	ug/kg	69	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO09-01	ug/kg	64	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO10-01	ug/kg	63	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO11-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+07	2E+06	630000	63000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	4-Nitrophenol	NA-TRND-SO16-01	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO17-01	ug/kg	48	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO18-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO19-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO20-01	ug/kg	62	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO21-01	ug/kg	52	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO22-01	ug/kg	50	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO23-01	ug/kg	64	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO24-31	ug/kg	53	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO25-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO26-01	ug/kg	55	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO27-01	ug/kg	60	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO28-01	ug/kg	51	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO29-01	ug/kg	54	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO30-01	ug/kg	56	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO31-01	ug/kg	61	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO32-01	ug/kg	57	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO33-01	ug/kg	65	ND	2E+07	2E+06	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO01-01	ug/kg	58	430 J	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO04-31	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO05-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO07-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO08-01	ug/kg	69	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO09-01	ug/kg	64	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO10-01	ug/kg	63	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO11-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO16-01	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO17-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO18-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO19-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO20-01	ug/kg	62	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO21-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO22-01	ug/kg	50	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO23-01	ug/kg	64	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO24-31	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO25-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO26-01	ug/kg	55	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO27-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO28-01	ug/kg	51	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO29-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO30-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO31-01	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Acenaphthene	NA-TRND-SO32-01	ug/kg	57	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO33-01	ug/kg	65	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO04-31	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO05-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO07-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO08-01	ug/kg	69	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO09-01	ug/kg	64	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO10-01	ug/kg	63	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO11-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO16-01	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO17-01	ug/kg	48	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO18-01	ug/kg	54	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO19-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO20-01	ug/kg	62	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO21-01	ug/kg	52	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO22-01	ug/kg	50	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO23-01	ug/kg	64	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO24-31	ug/kg	53	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO25-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO26-01	ug/kg	55	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO27-01	ug/kg	60	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO28-01	ug/kg	51	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO29-01	ug/kg	54	150	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO30-01	ug/kg	56	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO31-01	ug/kg	61	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO32-01	ug/kg	57	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO33-01	ug/kg	65	ND	1E+08	1E+07	5E+06	470000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO01-01	ug/kg	58	750 J	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO04-31	ug/kg	61	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO05-01	ug/kg	60	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO06-01	ug/kg	51	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO07-01	ug/kg	60	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO08-01	ug/kg	69	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO09-01	ug/kg	64	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO10-01	ug/kg	63	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO11-01	ug/kg	48	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO13-01	ug/kg	62	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Anthracene	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO16-01	ug/kg	61	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO17-01	ug/kg	48	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO18-01	ug/kg	54	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO19-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO20-01	ug/kg	62	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO21-01	ug/kg	52	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO22-01	ug/kg	50	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO23-01	ug/kg	64	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO24-31	ug/kg	53	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO25-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO26-01	ug/kg	55	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO27-01	ug/kg	60	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO28-01	ug/kg	51	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO29-01	ug/kg	54	140	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO30-01	ug/kg	56	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO31-01	ug/kg	61	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO32-01	ug/kg	57	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO33-01	ug/kg	65	ND	6E+08	6E+07	2E+07	2E+06	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO01-01	ug/kg	230	9800 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO02-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO03-01	ug/kg	48	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO04-31	ug/kg	61	380	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO05-01	ug/kg	60	130	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO06-01	ug/kg	51	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO07-01	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO08-01	ug/kg	69	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO09-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO10-01	ug/kg	63	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO11-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO12-01	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO13-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO14-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO15-01	ug/kg	58	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO16-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO17-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO18-01	ug/kg	54	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO19-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO20-01	ug/kg	62	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO21-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO22-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO23-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO24-31	ug/kg	53	77	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO25-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO26-01	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO27-01	ug/kg	60	77	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO28-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO29-01	ug/kg	54	450	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO30-01	ug/kg	56	ND	7800	7800	870	870	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO31-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO32-01	ug/kg	57	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO33-01	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO01-01	ug/kg	230	12000 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO02-01	ug/kg	16	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO03-01	ug/kg	13	33 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO04-31	ug/kg	61	440	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO05-01	ug/kg	60	100	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO06-01	ug/kg	13	35 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO07-01	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO08-01	ug/kg	69	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO09-01	ug/kg	64	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO10-01	ug/kg	63	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO11-01	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO12-01	ug/kg	18	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO13-01	ug/kg	16	78 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO14-01	ug/kg	16	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO15-01	ug/kg	15	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO16-01	ug/kg	61	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO17-01	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO18-01	ug/kg	54	76	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO19-01	ug/kg	56	ND	780	780	87	87	NC	NC
LMO3.2	Benzo(a)pyrene	NA-TRND-SO20-01	ug/kg	62	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO21-01	ug/kg	52	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO22-01	ug/kg	50	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO23-01	ug/kg	64	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO24-31	ug/kg	53	93	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO25-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO26-01	ug/kg	55	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO27-01	ug/kg	60	97	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO28-01	ug/kg	51	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO29-01	ug/kg	54	410	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO30-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO31-01	ug/kg	61	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO32-01	ug/kg	57	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO33-01	ug/kg	65	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO01-01	ug/kg	230	15000 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO02-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO03-01	ug/kg	48	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO04-31	ug/kg	61	750	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO05-01	ug/kg	60	110	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO06-01	ug/kg	51	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO07-01	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO08-01	ug/kg	69	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO09-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO10-01	ug/kg	63	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO11-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO12-01	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
MO3.2	Benzo(b)fluoranthene	NA-TRND-SO13-01	ug/kg	62	110 J	7800	7800	870	870	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO14-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO15-01	ug/kg	58	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO16-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO17-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO18-01	ug/kg	54	83	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO19-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO20-01	ug/kg	62	130	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO21-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO22-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO23-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO24-31	ug/kg	53	110	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO25-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO26-01	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO27-01	ug/kg	60	200	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO28-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO29-01	ug/kg	54	500	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO30-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO31-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO32-01	ug/kg	57	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO33-01	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO01-01	ug/kg	230	6400 J	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO04-31	ug/kg	61	320	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO05-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO06-01	ug/kg	51	53 J	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO07-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO08-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO09-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO10-01	ug/kg	63	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO11-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO13-01	ug/kg	62	72 J	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO16-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO17-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO18-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO19-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO20-01	ug/kg	62	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO21-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO22-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO23-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO24-31	ug/kg	53	57	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO25-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO26-01	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO27-01	ug/kg	60	110	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO28-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO29-01	ug/kg	54	280	6E+07	6E+06	2E+06	230000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO30-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO31-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO32-01	ug/kg	57	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO33-01	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO01-01	ug/kg	58	2900 J	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO02-01	ug/kg	62	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO03-01	ug/kg	48	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO04-31	ug/kg	61	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO05-01	ug/kg	60	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO06-01	ug/kg	51	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO07-01	ug/kg	60	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO08-01	ug/kg	69	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO09-01	ug/kg	64	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO10-01	ug/kg	63	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO11-01	ug/kg	48	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO12-01	ug/kg	67	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO13-01	ug/kg	62	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO14-01	ug/kg	62	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO15-01	ug/kg	58	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO16-01	ug/kg	61	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO17-01	ug/kg	48	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO18-01	ug/kg	54	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO19-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO20-01	ug/kg	62	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO21-01	ug/kg	52	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO22-01	ug/kg	50	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO23-01	ug/kg	64	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO24-31	ug/kg	53	69	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO25-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO26-01	ug/kg	55	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO27-01	ug/kg	60	90	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO28-01	ug/kg	51	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO29-01	ug/kg	54	250	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO30-01	ug/kg	56	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO31-01	ug/kg	61	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO32-01	ug/kg	57	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO33-01	ug/kg	65	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO04-31	ug/kg	61	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO05-01	ug/kg	60	71	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO07-01	ug/kg	60	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO08-01	ug/kg	69	110	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO09-01	ug/kg	64	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO10-01	ug/kg	63	110	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO11-01	ug/kg	48	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO13-01	ug/kg	62	91 J	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO16-01	ug/kg	61	69	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO17-01	ug/kg	48	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO18-01	ug/kg	54	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO19-01	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO20-01	ug/kg	62	110	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO21-01	ug/kg	52	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO22-01	ug/kg	50	260 J	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO23-01	ug/kg	64	99 J	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO24-31	ug/kg	53	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO25-01	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO26-01	ug/kg	55	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO27-01	ug/kg	60	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO28-01	ug/kg	51	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO29-01	ug/kg	54	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO30-01	ug/kg	56	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO31-01	ug/kg	61	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO32-01	ug/kg	57	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO33-01	ug/kg	65	ND	4E+08	4E+07	2E+07	2E+06	83	NS
OLMO3.2	Carbazole	NA-TRND-SO01-01	ug/kg	58	820 J	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO02-01	ug/kg	62	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO03-01	ug/kg	48	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO04-31	ug/kg	61	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO05-01	ug/kg	60	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO06-01	ug/kg	51	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO07-01	ug/kg	60	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO08-01	ug/kg	69	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO09-01	ug/kg	64	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO10-01	ug/kg	63	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO11-01	ug/kg	48	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO12-01	ug/kg	67	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO13-01	ug/kg	62	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO14-01	ug/kg	62	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO15-01	ug/kg	58	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO16-01	ug/kg	61	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO17-01	ug/kg	48	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO18-01	ug/kg	54	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO19-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO20-01	ug/kg	62	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO21-01	ug/kg	52	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO22-01	ug/kg	50	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO23-01	ug/kg	64	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO24-31	ug/kg	53	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO25-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO26-01	ug/kg	55	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO27-01	ug/kg	60	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO28-01	ug/kg	51	ND	290000	290000	32000	32000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Carbazole	NA-TRND-SO29-01	ug/kg	54	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO30-01	ug/kg	56	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO31-01	ug/kg	61	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO32-01	ug/kg	57	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO33-01	ug/kg	65	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO01-01	ug/kg	230	9400 J	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO02-01	ug/kg	62	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO03-01	ug/kg	48	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO04-31	ug/kg	61	380	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO05-01	ug/kg	60	120	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO06-01	ug/kg	51	51 J	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO07-01	ug/kg	60	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO08-01	ug/kg	69	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO09-01	ug/kg	64	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO10-01	ug/kg	63	87	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO11-01	ug/kg	48	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO12-01	ug/kg	67	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO13-01	ug/kg	62	83 J	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO14-01	ug/kg	62	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO15-01	ug/kg	58	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO16-01	ug/kg	61	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO17-01	ug/kg	48	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO18-01	ug/kg	54	70	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO19-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO20-01	ug/kg	62	150	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO21-01	ug/kg	52	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO22-01	ug/kg	50	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO23-01	ug/kg	64	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO24-31	ug/kg	53	78	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO25-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO26-01	ug/kg	55	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO27-01	ug/kg	60	110	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO28-01	ug/kg	51	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO29-01	ug/kg	54	450	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO30-01	ug/kg	56	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO31-01	ug/kg	61	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO32-01	ug/kg	57	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO33-01	ug/kg	65	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO01-01	ug/kg	58	2100 J	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO02-01	ug/kg	62	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO03-01	ug/kg	48	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO04-31	ug/kg	61	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO05-01	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO06-01	ug/kg	51	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO07-01	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO08-01	ug/kg	69	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO09-01	ug/kg	64	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO10-01	ug/kg	63	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO11-01	ug/kg	48	ND	780	780	87	87	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO12-01	ug/kg	67	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO13-01	ug/kg	62	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO14-01	ug/kg	62	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO15-01	ug/kg	58	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO16-01	ug/kg	61	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO17-01	ug/kg	48	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO18-01	ug/kg	54	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO19-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO20-01	ug/kg	62	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO21-01	ug/kg	52	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO22-01	ug/kg	50	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO23-01	ug/kg	64	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO24-31	ug/kg	53	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO25-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO26-01	ug/kg	55	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO27-01	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO28-01	ug/kg	51	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO29-01	ug/kg	54	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO30-01	ug/kg	56	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO31-01	ug/kg	61	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO32-01	ug/kg	57	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO33-01	ug/kg	65	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO01-01	ug/kg	58	110 J	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO04-31	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO05-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO06-01	ug/kg	51	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO07-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO08-01	ug/kg	69	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO09-01	ug/kg	64	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO10-01	ug/kg	63	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO11-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO13-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO16-01	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO17-01	ug/kg	48	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO18-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO19-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO20-01	ug/kg	62	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO21-01	ug/kg	52	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO22-01	ug/kg	50	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO23-01	ug/kg	64	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO24-31	ug/kg	53	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO25-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO26-01	ug/kg	55	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO27-01	ug/kg	60	ND	8E+06	820000	310000	31000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dibenzofuran	NA-TRND-SO28-01	ug/kg	51	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO29-01	ug/kg	54	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO30-01	ug/kg	56	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO31-01	ug/kg	61	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO32-01	ug/kg	57	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO33-01	ug/kg	65	ND	8E+06	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO04-31	ug/kg	61	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO05-01	ug/kg	60	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO07-01	ug/kg	60	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO08-01	ug/kg	69	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO09-01	ug/kg	64	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO10-01	ug/kg	63	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO11-01	ug/kg	48	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO16-01	ug/kg	61	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO17-01	ug/kg	48	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO18-01	ug/kg	54	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO19-01	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO20-01	ug/kg	62	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO21-01	ug/kg	52	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO22-01	ug/kg	50	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO23-01	ug/kg	64	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO24-31	ug/kg	53	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO25-01	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO26-01	ug/kg	55	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO27-01	ug/kg	60	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO28-01	ug/kg	51	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO29-01	ug/kg	54	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO30-01	ug/kg	56	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO31-01	ug/kg	61	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO32-01	ug/kg	57	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO33-01	ug/kg	65	ND	2E+09	2E+08	6E+07	6E+06	194	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO01-01	ug/kg	58	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO02-01	ug/kg	62	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO03-01	ug/kg	48	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO04-31	ug/kg	61	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO05-01	ug/kg	60	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO06-01	ug/kg	51	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO07-01	ug/kg	60	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO08-01	ug/kg	69	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO09-01	ug/kg	64	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO10-01	ug/kg	63	ND	2E+10	2E+09	8E+08	8E+07	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Dimethylphthalate	NA-TRND-SO11-01	ug/kg	48	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO12-01	ug/kg	67	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO13-01	ug/kg	62	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO14-01	ug/kg	62	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO15-01	ug/kg	58	ND UJ	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO16-01	ug/kg	61	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO17-01	ug/kg	48	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO18-01	ug/kg	54	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO19-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO20-01	ug/kg	62	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO21-01	ug/kg	52	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO22-01	ug/kg	50	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO23-01	ug/kg	64	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO24-31	ug/kg	53	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO25-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO26-01	ug/kg	55	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO27-01	ug/kg	60	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO28-01	ug/kg	51	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO29-01	ug/kg	54	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO30-01	ug/kg	56	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO31-01	ug/kg	61	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO32-01	ug/kg	57	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO33-01	ug/kg	65	ND	2E+10	2E+09	8E+08	8E+07	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO01-01	ug/kg	58	3500 J	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO04-31	ug/kg	61	340	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO05-01	ug/kg	60	190	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO06-01	ug/kg	51	58 J	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO07-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO08-01	ug/kg	69	73	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO09-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO10-01	ug/kg	63	91	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO11-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO13-01	ug/kg	62	100 J	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO16-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO17-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO18-01	ug/kg	54	99	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO19-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO20-01	ug/kg	62	210	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO21-01	ug/kg	52	54	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO22-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO23-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO24-31	ug/kg	53	150	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO25-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO26-01	ug/kg	55	58	8E+07	8E+06	3E+06	310000	60	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Fluoranthene	NA-TRND-SO27-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO28-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO29-01	ug/kg	54	1100	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO30-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO31-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO32-01	ug/kg	57	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluoranthene	NA-TRND-SO33-01	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	60	NS
OLMO3.2	Fluorene	NA-TRND-SO01-01	ug/kg	58	240 J	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO04-31	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO05-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO06-01	ug/kg	51	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO07-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO08-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO09-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO10-01	ug/kg	63	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO11-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO13-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO16-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO17-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO18-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO19-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO20-01	ug/kg	62	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO21-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO22-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO23-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO24-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO25-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO26-01	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO27-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO28-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO29-01	ug/kg	54	170	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO30-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO31-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO32-01	ug/kg	57	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO33-01	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO01-01	ug/kg	58	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO02-01	ug/kg	62	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO03-01	ug/kg	48	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO04-31	ug/kg	61	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO05-01	ug/kg	60	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO06-01	ug/kg	51	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO07-01	ug/kg	60	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO08-01	ug/kg	69	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO09-01	ug/kg	64	ND	73000	73000	8200	8200	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO10-01	ug/kg	63	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO11-01	ug/kg	48	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO12-01	ug/kg	67	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO13-01	ug/kg	62	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO14-01	ug/kg	62	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO15-01	ug/kg	58	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO16-01	ug/kg	61	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO17-01	ug/kg	48	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO18-01	ug/kg	54	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO19-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO20-01	ug/kg	62	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO21-01	ug/kg	52	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO22-01	ug/kg	50	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO23-01	ug/kg	64	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO24-31	ug/kg	53	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO25-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO26-01	ug/kg	55	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO27-01	ug/kg	60	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO28-01	ug/kg	51	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO29-01	ug/kg	54	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO30-01	ug/kg	56	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO31-01	ug/kg	61	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO32-01	ug/kg	57	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO33-01	ug/kg	65	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO04-31	ug/kg	61	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO05-01	ug/kg	60	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO07-01	ug/kg	60	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO08-01	ug/kg	69	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO09-01	ug/kg	64	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO10-01	ug/kg	63	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO11-01	ug/kg	48	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO16-01	ug/kg	61	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO17-01	ug/kg	48	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO18-01	ug/kg	54	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO19-01	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO20-01	ug/kg	62	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO21-01	ug/kg	52	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO22-01	ug/kg	50	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO23-01	ug/kg	64	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO24-31	ug/kg	53	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO25-01	ug/kg	56	ND	3600	3600	400	400	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachlorobenzene	NA-TRND-SO26-01	ug/kg	55	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO27-01	ug/kg	60	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO28-01	ug/kg	51	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO29-01	ug/kg	54	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO30-01	ug/kg	56	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO31-01	ug/kg	61	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO32-01	ug/kg	57	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO33-01	ug/kg	65	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO04-31	ug/kg	61	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO05-01	ug/kg	60	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO07-01	ug/kg	60	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO08-01	ug/kg	69	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO09-01	ug/kg	64	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO10-01	ug/kg	63	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO11-01	ug/kg	48	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO16-01	ug/kg	61	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO17-01	ug/kg	48	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO18-01	ug/kg	54	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO19-01	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO20-01	ug/kg	62	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO21-01	ug/kg	52	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO22-01	ug/kg	50	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO23-01	ug/kg	64	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO24-31	ug/kg	53	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO25-01	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO26-01	ug/kg	55	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO27-01	ug/kg	60	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO28-01	ug/kg	51	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO29-01	ug/kg	54	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO30-01	ug/kg	56	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO31-01	ug/kg	61	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO32-01	ug/kg	57	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO33-01	ug/kg	65	ND	1E+07	1E+06	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO01-01	ug/kg	58	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO02-01	ug/kg	62	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO03-01	ug/kg	48	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO04-31	ug/kg	61	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO05-01	ug/kg	60	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO06-01	ug/kg	51	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO07-01	ug/kg	60	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO08-01	ug/kg	69	ND	410000	410000	46000	46000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Hexachloroethane	NA-TRND-SO09-01	ug/kg	64	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO10-01	ug/kg	63	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO11-01	ug/kg	48	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO12-01	ug/kg	67	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO13-01	ug/kg	62	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO14-01	ug/kg	62	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO15-01	ug/kg	58	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO16-01	ug/kg	61	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO17-01	ug/kg	48	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO18-01	ug/kg	54	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO19-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO20-01	ug/kg	62	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO21-01	ug/kg	52	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO22-01	ug/kg	50	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO23-01	ug/kg	64	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO24-31	ug/kg	53	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO25-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO26-01	ug/kg	55	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO27-01	ug/kg	60	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO28-01	ug/kg	51	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO29-01	ug/kg	54	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO30-01	ug/kg	56	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO31-01	ug/kg	61	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO32-01	ug/kg	57	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO33-01	ug/kg	65	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO01-01	ug/kg	230	6300 J	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO02-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO03-01	ug/kg	48	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO04-31	ug/kg	61	320	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO05-01	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO06-01	ug/kg	51	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO07-01	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO08-01	ug/kg	69	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO09-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO10-01	ug/kg	63	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO11-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO12-01	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO13-01	ug/kg	62	62 J	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO14-01	ug/kg	62	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO15-01	ug/kg	58	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO16-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO17-01	ug/kg	48	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO18-01	ug/kg	54	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO19-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO20-01	ug/kg	62	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO21-01	ug/kg	52	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO22-01	ug/kg	50	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO23-01	ug/kg	64	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO24-31	ug/kg	53	ND	7800	7800	870	870	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO25-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO26-01	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO27-01	ug/kg	60	91	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO28-01	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO29-01	ug/kg	54	240	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO30-01	ug/kg	56	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO31-01	ug/kg	61	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO32-01	ug/kg	57	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO33-01	ug/kg	65	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO01-01	ug/kg	58	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO04-31	ug/kg	61	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO05-01	ug/kg	60	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO06-01	ug/kg	51	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO07-01	ug/kg	60	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO08-01	ug/kg	69	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO09-01	ug/kg	64	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO10-01	ug/kg	63	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO11-01	ug/kg	48	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO13-01	ug/kg	62	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO16-01	ug/kg	61	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO17-01	ug/kg	48	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO18-01	ug/kg	54	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO19-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO20-01	ug/kg	62	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO21-01	ug/kg	52	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO22-01	ug/kg	50	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO23-01	ug/kg	64	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO24-31	ug/kg	53	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO25-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO26-01	ug/kg	55	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO27-01	ug/kg	60	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO28-01	ug/kg	51	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO29-01	ug/kg	54	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO30-01	ug/kg	56	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO31-01	ug/kg	61	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO32-01	ug/kg	57	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO33-01	ug/kg	65	ND	6E+06	6E+06	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO01-01	ug/kg	58	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO02-01	ug/kg	62	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO03-01	ug/kg	48	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO04-31	ug/kg	61	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO05-01	ug/kg	60	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO06-01	ug/kg	51	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO07-01	ug/kg	60	ND	820	820	91	91	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO08-01	ug/kg	69	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO09-01	ug/kg	64	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO10-01	ug/kg	63	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO11-01	ug/kg	48	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO12-01	ug/kg	67	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO13-01	ug/kg	62	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO14-01	ug/kg	62	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO15-01	ug/kg	58	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO16-01	ug/kg	61	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO17-01	ug/kg	48	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO18-01	ug/kg	54	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO19-01	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO20-01	ug/kg	62	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO21-01	ug/kg	52	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO22-01	ug/kg	50	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO23-01	ug/kg	64	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO24-31	ug/kg	53	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO25-01	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO26-01	ug/kg	55	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO27-01	ug/kg	60	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO28-01	ug/kg	51	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO29-01	ug/kg	54	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO30-01	ug/kg	56	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO31-01	ug/kg	61	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO32-01	ug/kg	57	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO33-01	ug/kg	65	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO01-01	ug/kg	58	71 J	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO04-31	ug/kg	61	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO05-01	ug/kg	60	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO07-01	ug/kg	60	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO08-01	ug/kg	69	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO09-01	ug/kg	64	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO10-01	ug/kg	63	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO11-01	ug/kg	48	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO16-01	ug/kg	61	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO17-01	ug/kg	48	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO18-01	ug/kg	54	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO19-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO20-01	ug/kg	62	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO21-01	ug/kg	52	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO22-01	ug/kg	50	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO23-01	ug/kg	64	ND	1E+06	1E+06	130000	130000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO24-31	ug/kg	53	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO25-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO26-01	ug/kg	55	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO27-01	ug/kg	60	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO28-01	ug/kg	51	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO29-01	ug/kg	54	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO30-01	ug/kg	56	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO31-01	ug/kg	61	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO32-01	ug/kg	57	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO33-01	ug/kg	65	ND	1E+06	1E+06	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO01-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO02-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO03-01	ug/kg	48	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO04-31	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO05-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO06-01	ug/kg	51	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO07-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO08-01	ug/kg	69	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO09-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO10-01	ug/kg	63	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO11-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO12-01	ug/kg	67	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO13-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO14-01	ug/kg	62	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO15-01	ug/kg	58	ND UJ	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO16-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO17-01	ug/kg	48	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO18-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO19-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO20-01	ug/kg	62	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO21-01	ug/kg	52	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO22-01	ug/kg	50	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO23-01	ug/kg	64	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO24-31	ug/kg	53	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO25-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO26-01	ug/kg	55	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO27-01	ug/kg	60	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO28-01	ug/kg	51	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO29-01	ug/kg	54	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO30-01	ug/kg	56	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO31-01	ug/kg	61	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO32-01	ug/kg	57	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO33-01	ug/kg	65	ND	8E+07	8E+06	3E+06	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO04-31	ug/kg	61	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO05-01	ug/kg	60	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+06	100000	39000	3900	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Nitrobenzene	NA-TRND-SO07-01	ug/kg	60	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO08-01	ug/kg	69	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO09-01	ug/kg	64	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO10-01	ug/kg	63	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO11-01	ug/kg	48	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO16-01	ug/kg	61	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO17-01	ug/kg	48	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO18-01	ug/kg	54	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO19-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO20-01	ug/kg	62	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO21-01	ug/kg	52	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO22-01	ug/kg	50	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO23-01	ug/kg	64	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO24-31	ug/kg	53	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO25-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO26-01	ug/kg	55	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO27-01	ug/kg	60	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO28-01	ug/kg	51	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO29-01	ug/kg	54	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO30-01	ug/kg	56	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO31-01	ug/kg	61	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO32-01	ug/kg	57	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO33-01	ug/kg	65	ND	1E+06	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO04-31	ug/kg	61	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO05-01	ug/kg	60	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO07-01	ug/kg	60	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO08-01	ug/kg	69	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO09-01	ug/kg	64	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO10-01	ug/kg	63	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO11-01	ug/kg	48	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO16-01	ug/kg	61	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO17-01	ug/kg	48	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO18-01	ug/kg	54	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO19-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO20-01	ug/kg	62	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO21-01	ug/kg	52	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO22-01	ug/kg	50	ND	48000	48000	5300	5300	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Pentachlorophenol	NA-TRND-SO23-01	ug/kg	64	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO24-31	ug/kg	53	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO25-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO26-01	ug/kg	55	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO27-01	ug/kg	60	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO28-01	ug/kg	51	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO29-01	ug/kg	54	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO30-01	ug/kg	56	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO31-01	ug/kg	61	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO32-01	ug/kg	57	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO33-01	ug/kg	65	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO01-01	ug/kg	58	2100 J	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO03-01	ug/kg	48	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO04-31	ug/kg	61	120	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO05-01	ug/kg	60	210	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO06-01	ug/kg	51	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO07-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO08-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO09-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO10-01	ug/kg	63	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO11-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO12-01	ug/kg	67	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO13-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO16-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO17-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO18-01	ug/kg	54	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO19-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO20-01	ug/kg	62	77	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO21-01	ug/kg	52	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO22-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO23-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO24-31	ug/kg	53	77	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO25-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO26-01	ug/kg	55	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO27-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO28-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO29-01	ug/kg	54	890	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO30-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO31-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO32-01	ug/kg	57	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO33-01	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO04-31	ug/kg	61	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO05-01	ug/kg	60	ND	1E+09	1E+08	5E+07	5E+06	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	Phenol	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO07-01	ug/kg	60	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO08-01	ug/kg	69	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO09-01	ug/kg	64	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO10-01	ug/kg	63	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO11-01	ug/kg	48	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO16-01	ug/kg	61	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO17-01	ug/kg	48	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO18-01	ug/kg	54	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO19-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO20-01	ug/kg	62	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO21-01	ug/kg	52	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO22-01	ug/kg	50	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO23-01	ug/kg	64	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO24-31	ug/kg	53	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO25-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO26-01	ug/kg	55	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO27-01	ug/kg	60	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO28-01	ug/kg	51	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO29-01	ug/kg	54	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO30-01	ug/kg	56	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO31-01	ug/kg	61	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO32-01	ug/kg	57	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Phenol	NA-TRND-SO33-01	ug/kg	65	ND	1E+09	1E+08	5E+07	5E+06	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO01-01	ug/kg	230	13000 J	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO02-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO03-01	ug/kg	48	58 J	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO04-31	ug/kg	61	480	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO05-01	ug/kg	60	370	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO06-01	ug/kg	51	76 J	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO07-01	ug/kg	60	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO08-01	ug/kg	69	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO09-01	ug/kg	64	65	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO10-01	ug/kg	63	110	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO11-01	ug/kg	48	50	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO12-01	ug/kg	67	76 J	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO13-01	ug/kg	62	140 J	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO14-01	ug/kg	62	ND UJ	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO15-01	ug/kg	58	ND UJ	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO16-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO17-01	ug/kg	48	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO18-01	ug/kg	54	110	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO19-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO20-01	ug/kg	62	210	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO21-01	ug/kg	52	60	6E+07	6E+06	2E+06	230000	70	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	Pyrene	NA-TRND-SO22-01	ug/kg	50	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO23-01	ug/kg	64	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO24-31	ug/kg	53	150	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO25-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO26-01	ug/kg	55	57	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO27-01	ug/kg	60	60	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO28-01	ug/kg	51	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO29-01	ug/kg	54	1100	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO30-01	ug/kg	56	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO31-01	ug/kg	61	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO32-01	ug/kg	57	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	Pyrene	NA-TRND-SO33-01	ug/kg	65	ND	6E+07	6E+06	2E+06	230000	70	S
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO01-01	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO02-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO03-01	ug/kg	48	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO04-31	ug/kg	61	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO05-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO06-01	ug/kg	51	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO07-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO08-01	ug/kg	69	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO09-01	ug/kg	64	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO10-01	ug/kg	63	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO11-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO12-01	ug/kg	67	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO13-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO14-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO15-01	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO16-01	ug/kg	61	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO17-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO18-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO19-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO20-01	ug/kg	62	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO21-01	ug/kg	52	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO22-01	ug/kg	50	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO23-01	ug/kg	64	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO24-31	ug/kg	53	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO25-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO26-01	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO27-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO28-01	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO29-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO30-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO31-01	ug/kg	61	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO32-01	ug/kg	57	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO33-01	ug/kg	65	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO01-01	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO02-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO03-01	ug/kg	48	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO04-31	ug/kg	61	ND	5200	5200	580	580	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO05-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO06-01	ug/kg	51	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO07-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO08-01	ug/kg	69	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO09-01	ug/kg	64	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO10-01	ug/kg	63	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO11-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO12-01	ug/kg	67	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO13-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO14-01	ug/kg	62	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO15-01	ug/kg	58	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO16-01	ug/kg	61	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO17-01	ug/kg	48	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO18-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO19-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO20-01	ug/kg	62	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO21-01	ug/kg	52	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO22-01	ug/kg	50	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO23-01	ug/kg	64	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO24-31	ug/kg	53	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO25-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO26-01	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO27-01	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO28-01	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO29-01	ug/kg	54	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO30-01	ug/kg	56	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO31-01	ug/kg	61	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO32-01	ug/kg	57	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO33-01	ug/kg	65	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO01-01	ug/kg	58	210 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO02-01	ug/kg	62	270 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO03-01	ug/kg	48	230 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO04-31	ug/kg	61	290 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO05-01	ug/kg	60	380 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO06-01	ug/kg	51	370 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO07-01	ug/kg	60	180 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO08-01	ug/kg	69	390 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO09-01	ug/kg	64	320 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO10-01	ug/kg	63	730	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO11-01	ug/kg	48	76 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO12-01	ug/kg	67	240 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO13-01	ug/kg	62	270 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO14-01	ug/kg	62	190 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO15-01	ug/kg	58	670 J	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO16-01	ug/kg	61	330	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO17-01	ug/kg	48	66	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO18-01	ug/kg	54	240	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO19-01	ug/kg	56	110	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO20-01	ug/kg	62	330	410000	410000	46000	46000	785	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO21-01	ug/kg	52	310	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO22-01	ug/kg	50	2100	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO23-01	ug/kg	64	190	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO24-31	ug/kg	53	110	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO25-01	ug/kg	56	ND	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO26-01	ug/kg	55	390	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO27-01	ug/kg	60	130	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO28-01	ug/kg	51	150	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO29-01	ug/kg	54	100	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO30-01	ug/kg	56	67	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO31-01	ug/kg	61	110	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO32-01	ug/kg	57	86	410000	410000	46000	46000	785	NS
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO33-01	ug/kg	65	140	410000	410000	46000	46000	785	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO01-01	ug/kg	58	190 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO02-01	ug/kg	62	340 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO03-01	ug/kg	48	120 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO04-31	ug/kg	61	150	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO05-01	ug/kg	60	220	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO06-01	ug/kg	51	200 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO07-01	ug/kg	60	98	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO08-01	ug/kg	69	190	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO09-01	ug/kg	64	150	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO10-01	ug/kg	63	300	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO11-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO12-01	ug/kg	67	180 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO13-01	ug/kg	62	490 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO14-01	ug/kg	62	700 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO15-01	ug/kg	58	170 J	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO16-01	ug/kg	61	670	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO17-01	ug/kg	48	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO18-01	ug/kg	54	440	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO19-01	ug/kg	56	69	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO20-01	ug/kg	62	110	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO21-01	ug/kg	52	90	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO22-01	ug/kg	50	510	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO23-01	ug/kg	64	75	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO24-31	ug/kg	53	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO25-01	ug/kg	56	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO26-01	ug/kg	55	170	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO27-01	ug/kg	60	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO28-01	ug/kg	51	220	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO29-01	ug/kg	54	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO30-01	ug/kg	56	710	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO31-01	ug/kg	61	120	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO32-01	ug/kg	57	ND	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO33-01	ug/kg	65	230	2E+08	2E+07	8E+06	780000	280	NS
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO01-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO02-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO03-01	ug/kg	48	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO04-31	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO05-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO06-01	ug/kg	51	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO07-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO08-01	ug/kg	69	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO09-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO10-01	ug/kg	63	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO11-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO12-01	ug/kg	67	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO13-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO14-01	ug/kg	62	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO15-01	ug/kg	58	ND UJ	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO16-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO17-01	ug/kg	48	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO18-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO19-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO20-01	ug/kg	62	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO21-01	ug/kg	52	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO22-01	ug/kg	50	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO23-01	ug/kg	64	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO24-31	ug/kg	53	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO25-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO26-01	ug/kg	55	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO27-01	ug/kg	60	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO28-01	ug/kg	51	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO29-01	ug/kg	54	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO30-01	ug/kg	56	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO31-01	ug/kg	61	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO32-01	ug/kg	57	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO33-01	ug/kg	65	ND	4E+07	4E+06	2E+06	160000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO04-31	ug/kg	61	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO05-01	ug/kg	60	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO07-01	ug/kg	60	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO08-01	ug/kg	69	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO09-01	ug/kg	64	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO10-01	ug/kg	63	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO11-01	ug/kg	48	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO16-01	ug/kg	61	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO17-01	ug/kg	48	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO18-01	ug/kg	54	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO19-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
OLMO3.2	o-Cresol	NA-TRND-SO20-01	ug/kg	62	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO21-01	ug/kg	52	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO22-01	ug/kg	50	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO23-01	ug/kg	64	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO24-31	ug/kg	53	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO25-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO26-01	ug/kg	55	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO27-01	ug/kg	60	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO28-01	ug/kg	51	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO29-01	ug/kg	54	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO30-01	ug/kg	56	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO31-01	ug/kg	61	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO32-01	ug/kg	57	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO33-01	ug/kg	65	ND	1E+08	1E+07	4E+06	390000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO01-01	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO02-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO03-01	ug/kg	48	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO04-31	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO05-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO06-01	ug/kg	51	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO07-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO08-01	ug/kg	69	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO09-01	ug/kg	64	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO10-01	ug/kg	63	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO11-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO12-01	ug/kg	67	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO13-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO14-01	ug/kg	62	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO15-01	ug/kg	58	ND UJ	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO16-01	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO17-01	ug/kg	48	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO18-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO19-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO20-01	ug/kg	62	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO21-01	ug/kg	52	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO22-01	ug/kg	50	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO23-01	ug/kg	64	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO24-31	ug/kg	53	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO25-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO26-01	ug/kg	55	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO27-01	ug/kg	60	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO28-01	ug/kg	51	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO29-01	ug/kg	54	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO30-01	ug/kg	56	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO31-01	ug/kg	61	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO32-01	ug/kg	57	ND	1E+07	1E+06	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO33-01	ug/kg	65	ND	1E+07	1E+06	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO01-01	ng/kg	0.3	616	38000	38000	4300	4300	1180	S
8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO02-01	ng/kg	0.2	1320	38000	38000	4300	4300	1180	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO03-01	ng/kg	0.4	1250	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO04-31	ng/kg	2	20040 J	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO05-01	ng/kg	16.6	2970	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO06-01	ng/kg	0.5	2520	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO07-01	ng/kg	1.4	1050	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO08-01	ng/kg	2.6	4300 J	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO09-01	ng/kg	0.6	4180 J	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO10-01	ng/kg	2.4	3150	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO11-01	ng/kg	3.4	334	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO12-01	ng/kg	0.5	1500	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO13-01	ng/kg	1.7	1300	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO14-01	ng/kg	0.6	774	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO15-01	ng/kg	0.6	1090	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO16-01	ng/kg	1.4	687	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO17-01	ng/kg	2.8	349	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO18-01	ng/kg	1.1	577	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO19-01	ng/kg	2	756	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO20-01	ng/kg	3.6	1090	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO21-01	ng/kg	0.7	1280	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO22-01	ng/kg	0.6	1900	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO23-01	ng/kg	0.6	1120	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO24-31	ng/kg	1.5	417	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO25-01	ng/kg	2.4	89.8	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO26-01	ng/kg	2.6	1270	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO27-01	ng/kg	4	335	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO28-01	ng/kg	0.2	949	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO29-01	ng/kg	0.3	449	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO30-01	ng/kg	4.8	920	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO31-01	ng/kg	4.2	371	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO32-01	ng/kg	1.4	565	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO33-01	ng/kg	2.7	769	38000	38000	4300	4300	1180	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO01-01	ng/kg	0.2	217	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO02-01	ng/kg	0.2	352	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO03-01	ng/kg	0.3	246	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO04-31	ng/kg	1.6	2360	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO05-01	ng/kg	13.4	1030	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO06-01	ng/kg	0.4	3960	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO07-01	ng/kg	1.2	475	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO08-01	ng/kg	2.1	998	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO09-01	ng/kg	0.5	955	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO10-01	ng/kg	2	1060	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO11-01	ng/kg	2.8	113	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO12-01	ng/kg	0.4	266	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO13-01	ng/kg	1.2	211	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO14-01	ng/kg	0.5	63.4	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO15-01	ng/kg	0.5	136	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO16-01	ng/kg	1.1	110	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO17-01	ng/kg	2.2	52.6	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO18-01	ng/kg	0.9	73.2	38000	38000	4300	4300	212	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO19-01	ng/kg	1.6	75.1	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO20-01	ng/kg	2.9	258	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO21-01	ng/kg	0.6	95.2	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO22-01	ng/kg	0.5	149	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO23-01	ng/kg	0.5	154	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO24-31	ng/kg	1.3	58.5	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO25-01	ng/kg	2.1	17.5	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO26-01	ng/kg	2.2	190	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO27-01	ng/kg	3.4	90.1	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO28-01	ng/kg	0.2	80.9	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO29-01	ng/kg	0.2	77.6	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO30-01	ng/kg	3.8	73.1	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO31-01	ng/kg	3.4	57.9	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO32-01	ng/kg	1.1	78.7	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO33-01	ng/kg	2.1	115	38000	38000	4300	4300	212	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO01-01	ng/kg	0.2	149	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO02-01	ng/kg	0.2	324	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO03-01	ng/kg	0.3	304	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO04-31	ng/kg	1.5	4290 J	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO05-01	ng/kg	9.1	972	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO06-01	ng/kg	0.4	985	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO07-01	ng/kg	0.8	300	3800	3800	430	430	235	S
[illegible]8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO08-01	ng/kg	1.7	1380	3800	3800	430	430	235	S
[illegible]W8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO09-01	ng/kg	0.4	1340	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO10-01	ng/kg	1.6	822	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO11-01	ng/kg	2.1	71.4	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO12-01	ng/kg	0.4	349	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO13-01	ng/kg	0.7	314	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO14-01	ng/kg	0.4	111	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO15-01	ng/kg	0.5	142	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO16-01	ng/kg	1	163	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO17-01	ng/kg	1.5	67.2	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO18-01	ng/kg	0.8	89.2	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO19-01	ng/kg	1.3	121	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO20-01	ng/kg	2.2	262	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO21-01	ng/kg	0.5	117	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO22-01	ng/kg	0.5	165	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO23-01	ng/kg	0.5	227	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO24-31	ng/kg	1	78.8	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO25-01	ng/kg	1.4	19.6	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO26-01	ng/kg	1.5	306	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO27-01	ng/kg	2.2	80.1	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO28-01	ng/kg	0.2	85.1	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO29-01	ng/kg	0.2	95	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO30-01	ng/kg	2.8	107	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO31-01	ng/kg	2.7	69.3	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO32-01	ng/kg	0.9	99.1	3800	3800	430	430	235	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO33-01	ng/kg	1.8	153	3800	3800	430	430	235	S
[illegible]8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO01-01	ng/kg	0.1	141	3800	3800	430	430	258	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO02-01	ng/kg	0.2	314	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO03-01	ng/kg	0.2	256	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO04-31	ng/kg	1	2150 J	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO05-01	ng/kg	5	938	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO06-01	ng/kg	0.2	2740 J	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO07-01	ng/kg	0.5	359	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO08-01	ng/kg	1	1150	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO09-01	ng/kg	0.2	1110	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO10-01	ng/kg	0.9	868	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO11-01	ng/kg	1.2	82.9	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO12-01	ng/kg	0.3	279	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO13-01	ng/kg	0.4	256	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO14-01	ng/kg	0.3	60.3	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO15-01	ng/kg	0.3	107	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO16-01	ng/kg	0.6	163	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO17-01	ng/kg	0.8	48.7	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO18-01	ng/kg	0.5	58.3	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO19-01	ng/kg	0.9	77.9	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO20-01	ng/kg	1.2	380	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO21-01	ng/kg	0.3	77.6	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO22-01	ng/kg	0.3	134	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO23-01	ng/kg	0.3	151	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO24-31	ng/kg	0.7	64.6	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO25-01	ng/kg	0.9	21.8	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO26-01	ng/kg	0.9	269	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO27-01	ng/kg	1.4	87.3	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO28-01	ng/kg	0.1	89.9	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO29-01	ng/kg	0.1	81.2	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO30-01	ng/kg	1.6	72.3	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO31-01	ng/kg	1.5	59.7	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO32-01	ng/kg	0.6	87.7	3800	3800	430	430	258	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO33-01	ng/kg	1	129	3800	3800	430	430	258	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO01-01	ng/kg	0.2	33.9	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO02-01	ng/kg	0.2	64.1	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO03-01	ng/kg	0.2	39.6	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO04-31	ng/kg	1.4	300	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO05-01	ng/kg	6.5	140	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO06-01	ng/kg	0.3	857	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO07-01	ng/kg	0.7	84.8	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO08-01	ng/kg	1.4	209	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO09-01	ng/kg	0.3	198	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO10-01	ng/kg	1.3	187	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO11-01	ng/kg	1.7	18	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO12-01	ng/kg	0.4	53.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO13-01	ng/kg	0.5	34.8	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO14-01	ng/kg	0.4	9.5	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO15-01	ng/kg	0.4	13.9	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO16-01	ng/kg	0.8	22.1	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO17-01	ng/kg	1.1	7.4	3800	3800	430	430	41.9	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO18-01	ng/kg	0.6	11.3	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO19-01	ng/kg	1.1	13.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO20-01	ng/kg	1.6	32.5	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO21-01	ng/kg	0.4	5.5	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO22-01	ng/kg	0.4	15.5	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO23-01	ng/kg	0.4	30.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO24-31	ng/kg	1	8.9	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO25-01	ng/kg	1.3	3.3 J	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO26-01	ng/kg	1.2	29.8	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO27-01	ng/kg	1.9	13.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO28-01	ng/kg	0.2	15.9	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO29-01	ng/kg	0.2	14.2	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO30-01	ng/kg	2	3.5 J	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO31-01	ng/kg	1.9	10.7	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO32-01	ng/kg	0.8	15.5	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO33-01	ng/kg	1.3	19.6	3800	3800	430	430	41.9	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO01-01	ng/kg	0.2	11.9	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO02-01	ng/kg	0.2	19.2	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO03-01	ng/kg	0.3	20.7 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO04-31	ng/kg	1.4	144 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO05-01	ng/kg	8.6	66.2	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO06-01	ng/kg	0.4	92.3	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO07-01	ng/kg	0.7	19 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO08-01	ng/kg	1.3	73.6 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO09-01	ng/kg	0.3	74.7 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO10-01	ng/kg	1.1	43.7 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO11-01	ng/kg	1.4	2.8 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO12-01	ng/kg	0.4	22.7	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO13-01	ng/kg	0.4	14.2	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO14-01	ng/kg	0.5	4.1 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO15-01	ng/kg	0.5	8.5	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO16-01	ng/kg	0.9	12.6	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO17-01	ng/kg	1.2	4.8 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO18-01	ng/kg	0.7	4.5 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO19-01	ng/kg	1.1	6.1 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO20-01	ng/kg	1.8	15.9	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO21-01	ng/kg	0.5	4.7 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO22-01	ng/kg	0.5	6.4	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO23-01	ng/kg	0.5	14.9	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO24-31	ng/kg	0.9	3.9 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO25-01	ng/kg	1	1.1 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO26-01	ng/kg	1	16.8	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO27-01	ng/kg	1.7	5.3	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO28-01	ng/kg	0.2	5.9	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO29-01	ng/kg	0.2	6.4	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO30-01	ng/kg	2.2	2.6 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO31-01	ng/kg	2.2	4 J	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO32-01	ng/kg	0.9	ND	380	380	43	43	13.7	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO33-01	ng/kg	1.4	9.2	380	380	43	43	13.7	S

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO01-01	ng/kg	0.1	82.4 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO02-01	ng/kg	0.2	139 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO03-01	ng/kg	0.2	104 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO04-31	ng/kg	0.8	767 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO05-01	ng/kg	4.7	439 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO06-01	ng/kg	0.3	1600	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO07-01	ng/kg	0.4	173 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO08-01	ng/kg	0.7	489 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO09-01	ng/kg	0.2	487 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO10-01	ng/kg	0.6	371 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO11-01	ng/kg	0.8	24.5 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO12-01	ng/kg	0.3	161	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO13-01	ng/kg	0.2	102	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO14-01	ng/kg	0.3	23.4	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO15-01	ng/kg	0.3	66.8	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO16-01	ng/kg	0.5	97.4	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO17-01	ng/kg	0.7	14.4	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO18-01	ng/kg	0.4	34.1	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO19-01	ng/kg	0.6	37.1	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO20-01	ng/kg	1	115	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO21-01	ng/kg	0.3	18.8	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO22-01	ng/kg	0.3	43.1	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO23-01	ng/kg	0.3	75	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO24-31	ng/kg	0.6	22.2	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO25-01	ng/kg	0.6	9.3	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO26-01	ng/kg	0.6	123	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO27-01	ng/kg	0.9	43.3 J	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO28-01	ng/kg	0.1	49.6	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO29-01	ng/kg	0.1	40.7	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO30-01	ng/kg	1.2	7	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO31-01	ng/kg	1.2	29.7	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO32-01	ng/kg	0.6	37.9	380	380	43	43	97.8	S
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO33-01	ng/kg	0.7	47.3	380	380	43	43	97.8	S
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO01-01	ng/kg	0.2	16.4	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO02-01	ng/kg	0.2	30.9	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO03-01	ng/kg	0.2	30.4	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO04-31	ng/kg	1.3	364	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO05-01	ng/kg	6.7	108	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO06-01	ng/kg	0.3	125	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO07-01	ng/kg	0.6	35.2	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO08-01	ng/kg	1.2	137	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO09-01	ng/kg	0.3	135	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO10-01	ng/kg	1	78.9	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO11-01	ng/kg	1.3	6.7	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO12-01	ng/kg	0.3	37.2	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO13-01	ng/kg	0.4	29.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO14-01	ng/kg	0.4	8.3	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO15-01	ng/kg	0.4	13.5	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO16-01	ng/kg	0.7	21.1	380	380	43	43	29.1	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO17-01	ng/kg	1	7.6	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO18-01	ng/kg	0.5	8.4	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO19-01	ng/kg	0.8	10.3	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO20-01	ng/kg	1.4	26.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO21-01	ng/kg	0.4	8.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO22-01	ng/kg	0.4	12	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO23-01	ng/kg	0.4	23.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO24-31	ng/kg	0.8	7.5	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO25-01	ng/kg	0.8	3.2 J	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO26-01	ng/kg	0.9	31.6	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO27-01	ng/kg	1.4	11	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO28-01	ng/kg	0.2	9.8	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO29-01	ng/kg	0.2	10.7	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO30-01	ng/kg	1.7	5.1	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO31-01	ng/kg	1.7	7.2	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO32-01	ng/kg	0.7	9.7	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO33-01	ng/kg	1.3	16.5	380	380	43	43	29.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO01-01	ng/kg	0.1	26.9	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO02-01	ng/kg	0.1	51.5	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO03-01	ng/kg	0.1	37.8	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO04-31	ng/kg	0.8	315	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO05-01	ng/kg	3.8	163	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO06-01	ng/kg	0.2	424	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO07-01	ng/kg	0.4	65.7	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO08-01	ng/kg	0.7	215	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO09-01	ng/kg	0.2	209	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO10-01	ng/kg	0.6	148	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO11-01	ng/kg	0.8	10.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO12-01	ng/kg	0.2	59.4	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO13-01	ng/kg	0.2	43	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO14-01	ng/kg	0.2	10.1	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO15-01	ng/kg	0.3	25.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO16-01	ng/kg	0.4	37.7	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO17-01	ng/kg	0.5	5.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO18-01	ng/kg	0.3	12.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO19-01	ng/kg	0.5	12.6	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO20-01	ng/kg	0.8	41.8	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO21-01	ng/kg	0.2	7.6	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO22-01	ng/kg	0.3	16.8	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO23-01	ng/kg	0.2	29.1	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO24-31	ng/kg	0.5	10.6	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO25-01	ng/kg	0.5	4 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO26-01	ng/kg	0.5	52.4	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO27-01	ng/kg	0.8	19.1	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO28-01	ng/kg	0.1	19.2	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO29-01	ng/kg	0.1	15.1	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO30-01	ng/kg	1	3.8 J	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO31-01	ng/kg	1	11.3	380	380	43	43	41.2	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO32-01	ng/kg	0.5	15.3	380	380	43	43	41.2	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO33-01	ng/kg	0.7	22.4	380	380	43	43	41.2	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO01-01	ng/kg	0.2	28.3 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO02-01	ng/kg	0.2	46.2 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO03-01	ng/kg	0.2	47.2	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO04-31	ng/kg	1.3	472 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO05-01	ng/kg	7	141 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO06-01	ng/kg	0.3	176 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO07-01	ng/kg	0.6	53 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO08-01	ng/kg	1.2	203 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO09-01	ng/kg	0.3	196 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO10-01	ng/kg	1	116 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO11-01	ng/kg	1.3	10.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO12-01	ng/kg	0.3	59.4 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO13-01	ng/kg	0.4	45.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO14-01	ng/kg	0.4	13.5	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO15-01	ng/kg	0.4	20	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO16-01	ng/kg	0.7	29.7 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO17-01	ng/kg	1	13.6 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO18-01	ng/kg	0.6	14.9 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO19-01	ng/kg	0.9	17.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO20-01	ng/kg	1.4	39.7 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO21-01	ng/kg	0.4	12.6 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO22-01	ng/kg	0.4	16 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO23-01	ng/kg	0.4	43.9	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO24-31	ng/kg	0.9	16.8 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO25-01	ng/kg	0.9	11.3	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO26-01	ng/kg	0.9	44.9 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO27-01	ng/kg	1.5	20.5 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO28-01	ng/kg	0.2	16.6 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO29-01	ng/kg	0.2	21 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO30-01	ng/kg	1.8	7.5	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO31-01	ng/kg	1.8	15	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO32-01	ng/kg	0.7	18.2	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO33-01	ng/kg	1.3	23.8 J	380	380	43	43	35.9	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO01-01	ng/kg	0.2	6.6 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO02-01	ng/kg	0.2	11.7 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO03-01	ng/kg	0.2	6.4 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO04-31	ng/kg	1.1	40.3 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO05-01	ng/kg	5.5	19.6 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO06-01	ng/kg	0.3	165	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO07-01	ng/kg	0.5	15.8 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO08-01	ng/kg	0.9	32.2 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO09-01	ng/kg	0.3	27.4 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO10-01	ng/kg	0.8	29.8 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO11-01	ng/kg	1	2.4 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO12-01	ng/kg	0.3	9.8 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO13-01	ng/kg	0.3	5.6 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO14-01	ng/kg	0.4	1.6 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO15-01	ng/kg	0.4	2.6 J	380	380	43	43	3.8	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO16-01	ng/kg	0.6	4.5 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO17-01	ng/kg	0.8	ND	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO18-01	ng/kg	0.5	2.5 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO19-01	ng/kg	0.7	2.2 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO20-01	ng/kg	1.2	5.5	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO21-01	ng/kg	0.3	1.4 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO22-01	ng/kg	0.4	3.7 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO23-01	ng/kg	0.4	3.9 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO24-31	ng/kg	0.7	1.3 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO25-01	ng/kg	0.8	ND	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO26-01	ng/kg	0.7	5.9 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO27-01	ng/kg	1.1	3 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO28-01	ng/kg	0.1	3.5 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO29-01	ng/kg	0.1	2.7 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO30-01	ng/kg	1.4	ND J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO31-01	ng/kg	1.4	1.9 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO32-01	ng/kg	0.7	2.5 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO33-01	ng/kg	0.9	2.5 J	380	380	43	43	3.8	S
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO01-01	ng/kg	0.1	7.2	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO02-01	ng/kg	0.2	11.8	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO03-01	ng/kg	0.2	10	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO04-31	ng/kg	0.9	108	76	76	8.6	8.6	9.8	NS
[illegible]8290	1,2,3,7,8-PeCDD	NA-TRND-SO05-01	ng/kg	6.1	44.1	76	76	8.6	8.6	9.8	NS
[illegible]W8290	1,2,3,7,8-PeCDD	NA-TRND-SO06-01	ng/kg	0.2	53.2	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO07-01	ng/kg	0.4	13.9	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO08-01	ng/kg	0.9	48.1	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO09-01	ng/kg	0.4	71.1	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO10-01	ng/kg	0.8	34.5	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO11-01	ng/kg	0.9	2.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO12-01	ng/kg	0.3	13.9	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO13-01	ng/kg	0.2	11.9	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO14-01	ng/kg	0.3	3 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO15-01	ng/kg	0.3	6.1	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO16-01	ng/kg	0.4	9.6	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO17-01	ng/kg	0.5	3.6 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO18-01	ng/kg	0.4	3.5 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO19-01	ng/kg	0.6	4.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO20-01	ng/kg	1	11.1	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO21-01	ng/kg	0.3	3.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO22-01	ng/kg	0.4	4.2 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO23-01	ng/kg	0.3	9.5	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO24-31	ng/kg	0.7	4.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO25-01	ng/kg	0.7	2.4 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO26-01	ng/kg	0.8	13.6	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO27-01	ng/kg	1.4	6.1	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO28-01	ng/kg	0.1	4.4 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO29-01	ng/kg	0.1	4.6 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO30-01	ng/kg	1.2	2 J	76	76	8.6	8.6	9.8	NS
[illegible]8290	1,2,3,7,8-PeCDD	NA-TRND-SO31-01	ng/kg	1.4	3.6 J	76	76	8.6	8.6	9.8	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO32-01	ng/kg	0.6	4.1 J	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO33-01	ng/kg	1	6.8	76	76	8.6	8.6	9.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO01-01	ng/kg	0.09	26.6	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO02-01	ng/kg	0.1	25.2	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO03-01	ng/kg	0.1	18.7	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO04-31	ng/kg	0.6	169	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO05-01	ng/kg	3.6	75.4	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO06-01	ng/kg	0.2	615	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO07-01	ng/kg	0.3	63	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO08-01	ng/kg	0.6	114	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO09-01	ng/kg	0.2	103	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO10-01	ng/kg	0.5	110	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO11-01	ng/kg	0.6	3.1 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO12-01	ng/kg	0.2	34.3	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO13-01	ng/kg	0.1	23.5	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO14-01	ng/kg	0.2	3.8 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO15-01	ng/kg	0.2	17.1	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO16-01	ng/kg	0.3	20.4	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO17-01	ng/kg	0.4	5	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO18-01	ng/kg	0.3	9.7	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO19-01	ng/kg	0.4	9.7	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO20-01	ng/kg	0.6	23.8	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO21-01	ng/kg	0.2	4.6 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO22-01	ng/kg	0.3	7.1	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO23-01	ng/kg	0.3	14.9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO24-31	ng/kg	0.4	6.4	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO25-01	ng/kg	0.5	2.9 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO26-01	ng/kg	0.5	31.6	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO27-01	ng/kg	0.8	10.8 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO28-01	ng/kg	0.1	7.8	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO29-01	ng/kg	0.1	9.3	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO30-01	ng/kg	0.8	1.3 J	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO31-01	ng/kg	0.9	7.3	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO32-01	ng/kg	0.4	6.9	760	760	86	86	30.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO33-01	ng/kg	0.6	11.2	760	760	86	86	30.6	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO01-01	ng/kg	0.1	54.8 J	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO02-01	ng/kg	0.2	120	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO03-01	ng/kg	0.2	75.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO04-31	ng/kg	1	562	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO05-01	ng/kg	4.8	282	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO06-01	ng/kg	0.3	494	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO07-01	ng/kg	0.5	106	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO08-01	ng/kg	0.8	377	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO09-01	ng/kg	0.2	387	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO10-01	ng/kg	0.7	248	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO11-01	ng/kg	0.9	30.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO12-01	ng/kg	0.3	113	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO13-01	ng/kg	0.3	87.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO14-01	ng/kg	0.3	22.2	380	380	43	43	101	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO15-01	ng/kg	0.3	48.5	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO16-01	ng/kg	0.5	70.8	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO17-01	ng/kg	0.7	9.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO18-01	ng/kg	0.4	21.2	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO19-01	ng/kg	0.6	22.6	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO20-01	ng/kg	1	77.7	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO21-01	ng/kg	0.3	13.6	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO22-01	ng/kg	0.4	42.6	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO23-01	ng/kg	0.3	63.5	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO24-31	ng/kg	0.6	19.8	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO25-01	ng/kg	0.7	7.8	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO26-01	ng/kg	0.7	105	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO27-01	ng/kg	1	45.6	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO28-01	ng/kg	0.1	48.3	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO29-01	ng/kg	0.1	32.9	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO30-01	ng/kg	1.3	6.2	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO31-01	ng/kg	1.2	22	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO32-01	ng/kg	0.6	35.4	380	380	43	43	101	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO33-01	ng/kg	0.8	42.6	380	380	43	43	101	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO01-01	ng/kg	0.09	23.7	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO02-01	ng/kg	0.1	38.2	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO03-01	ng/kg	0.1	36	76	76	8.6	8.6	37.4	NS
[redacted]8290	2,3,4,7,8-PeCDF	NA-TRND-SO04-31	ng/kg	0.7	302	76	76	8.6	8.6	37.4	NS
[redacted]W8290	2,3,4,7,8-PeCDF	NA-TRND-SO05-01	ng/kg	3.7	122	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO06-01	ng/kg	0.2	311	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO07-01	ng/kg	0.3	50.9	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO08-01	ng/kg	0.6	169	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO09-01	ng/kg	0.2	175	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO10-01	ng/kg	0.5	119	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO11-01	ng/kg	0.7	7.1	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO12-01	ng/kg	0.2	48	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO13-01	ng/kg	0.1	36.3	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO14-01	ng/kg	0.2	7.8	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO15-01	ng/kg	0.2	25.8	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO16-01	ng/kg	0.3	33.4	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO17-01	ng/kg	0.4	6.9	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO18-01	ng/kg	0.3	10	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO19-01	ng/kg	0.4	9.6	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO20-01	ng/kg	0.6	34.8	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO21-01	ng/kg	0.2	6.7	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO22-01	ng/kg	0.3	13.5	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO23-01	ng/kg	0.3	25	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO24-31	ng/kg	0.5	9.1	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO25-01	ng/kg	0.5	3.3 J	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO26-01	ng/kg	0.5	49.4	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO27-01	ng/kg	0.9	20	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO28-01	ng/kg	0.1	16.6	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO29-01	ng/kg	0.1	14	76	76	8.6	8.6	37.4	NS
[redacted]8290	2,3,4,7,8-PeCDF	NA-TRND-SO30-01	ng/kg	0.8	2.1 J	76	76	8.6	8.6	37.4	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO31-01	ng/kg	0.9	9.9	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO32-01	ng/kg	0.4	12.2	76	76	8.6	8.6	37.4	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO33-01	ng/kg	0.6	16.9	76	76	8.6	8.6	37.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO01-01	ng/kg	0.09	1.3	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO02-01	ng/kg	0.1	1.8	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO03-01	ng/kg	0.09	1.5	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO04-31	ng/kg	0.6	23.5	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO05-01	ng/kg	3.2	11	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO06-01	ng/kg	0.2	15.7	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO07-01	ng/kg	0.3	2.2	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO08-01	ng/kg	0.5	6	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO09-01	ng/kg	0.2	7.4	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO10-01	ng/kg	0.4	5.6	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO11-01	ng/kg	0.5	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO12-01	ng/kg	0.2	2.3	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO13-01	ng/kg	0.1	2.2	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO14-01	ng/kg	0.2	0.5 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO15-01	ng/kg	0.2	1.2	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO16-01	ng/kg	0.2	1.7	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO17-01	ng/kg	0.3	0.61 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO18-01	ng/kg	0.2	0.62 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO19-01	ng/kg	0.3	0.74 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO20-01	ng/kg	0.4	1.7	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO21-01	ng/kg	0.2	0.49 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO22-01	ng/kg	0.2	0.68 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO23-01	ng/kg	0.2	1.5	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO24-31	ng/kg	0.4	0.71 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO25-01	ng/kg	0.4	0.42 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO26-01	ng/kg	0.4	2.3	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO27-01	ng/kg	0.6	1.1	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO28-01	ng/kg	0.1	0.65 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO29-01	ng/kg	0.1	0.72 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO30-01	ng/kg	0.5	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO31-01	ng/kg	0.7	ND	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO32-01	ng/kg	0.3	0.56 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO33-01	ng/kg	0.5	0.92 J	38	38	4.3	4.3	2.4	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO01-01	ng/kg	0.6	17.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO02-01	ng/kg	0.5	12.6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO03-01	ng/kg	1	9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO04-31	ng/kg	1.9	155	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO05-01	ng/kg	3.4	53.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO06-01	ng/kg	0.6	540	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO07-01	ng/kg	1	48.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO08-01	ng/kg	1.4	67.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO09-01	ng/kg	5.9	69	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO10-01	ng/kg	1.3	69.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO11-01	ng/kg	0.3	1.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO12-01	ng/kg	0.3	20.3	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO13-01	ng/kg	1.3	15.6	380	380	43	43	32.8	NS

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	2,3,7,8-TCDF	NA-TRND-SO14-01	ng/kg	1.4	2.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO15-01	ng/kg	1.4	14.6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO16-01	ng/kg	1.1	13.3	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO17-01	ng/kg	0.9	4.2	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO18-01	ng/kg	1.2	6.3	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO19-01	ng/kg	1.1	7.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO20-01	ng/kg	3.1	15.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO21-01	ng/kg	0.8	3.8	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO22-01	ng/kg	2.1	4.9	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO23-01	ng/kg	3	10.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO24-31	ng/kg	0.8	6.2	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO25-01	ng/kg	0.4	2.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO26-01	ng/kg	0.8	24.1	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO27-01	ng/kg	0.4	6.8	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO28-01	ng/kg	0.5	6	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO29-01	ng/kg	0.7	7.4	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO30-01	ng/kg	0.4	1.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO31-01	ng/kg	0.6	6.5	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO32-01	ng/kg	2.2	4.8	380	380	43	43	32.8	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO33-01	ng/kg	0.7	9.7	380	380	43	43	32.8	NS
SW8290	Total HpCDD	NA-TRND-SO01-01	ng/kg	0.2	300	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO02-01	ng/kg	0.2	594	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO03-01	ng/kg	0.3	587	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO04-31	ng/kg	1.5	8360 J	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO05-01	ng/kg	9.1	1930	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO06-01	ng/kg	0.4	1920	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO07-01	ng/kg	0.8	598	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO08-01	ng/kg	1.7	2760	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO09-01	ng/kg	0.4	2640	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO10-01	ng/kg	1.6	1630	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO11-01	ng/kg	2.1	142	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO12-01	ng/kg	0.4	672	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO13-01	ng/kg	0.7	630	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO14-01	ng/kg	0.4	201	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO15-01	ng/kg	0.5	290	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO16-01	ng/kg	1	333	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO17-01	ng/kg	1.5	141	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO18-01	ng/kg	0.8	177	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO19-01	ng/kg	1.3	240	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO20-01	ng/kg	2.2	560	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO21-01	ng/kg	0.5	224	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO22-01	ng/kg	0.5	327	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO23-01	ng/kg	0.5	439	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO24-31	ng/kg	1	154	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO25-01	ng/kg	1.4	42.1	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO26-01	ng/kg	1.5	647	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO27-01	ng/kg	2.2	162	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO28-01	ng/kg	0.2	174	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO29-01	ng/kg	0.2	188	.	.	.	.	488	S

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Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
SW8290	Total HpCDD	NA-TRND-SO30-01	ng/kg	2.8	201	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO31-01	ng/kg	2.7	152	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO32-01	ng/kg	0.9	195	.	.	.	.	488	S
SW8290	Total HpCDD	NA-TRND-SO33-01	ng/kg	1.8	316	.	.	.	.	488	S
SW8290	Total HpCDF	NA-TRND-SO01-01	ng/kg	0.2	254	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO02-01	ng/kg	0.2	596	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO03-01	ng/kg	0.2	445	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO04-31	ng/kg	1.2	4480 J	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO05-01	ng/kg	5.7	1540	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO06-01	ng/kg	0.3	4760 J	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO07-01	ng/kg	0.6	635	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO08-01	ng/kg	1.1	1980	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO09-01	ng/kg	0.3	1880	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO10-01	ng/kg	1	1560	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO11-01	ng/kg	1.4	181	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO12-01	ng/kg	0.3	486	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO13-01	ng/kg	0.5	418	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO14-01	ng/kg	0.3	123	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO15-01	ng/kg	0.4	201	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO16-01	ng/kg	0.7	273	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO17-01	ng/kg	0.9	83.4	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO18-01	ng/kg	0.5	104	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO19-01	ng/kg	1	137	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO20-01	ng/kg	1.4	624	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO21-01	ng/kg	0.4	141	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO22-01	ng/kg	0.4	262	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO23-01	ng/kg	0.4	282	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO24-31	ng/kg	0.8	110	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO25-01	ng/kg	1.1	37.6	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO26-01	ng/kg	1	445	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO27-01	ng/kg	1.6	168	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO28-01	ng/kg	0.1	173	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO29-01	ng/kg	0.1	146	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO30-01	ng/kg	1.8	126	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO31-01	ng/kg	1.7	107	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO32-01	ng/kg	0.7	164	.	.	.	.	487	S
SW8290	Total HpCDF	NA-TRND-SO33-01	ng/kg	1.2	229	.	.	.	.	487	S
SW8290	Total HxCDD	NA-TRND-SO01-01	ng/kg	0.2	262	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO02-01	ng/kg	0.2	427	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO03-01	ng/kg	0.2	450	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO04-31	ng/kg	1.3	4260	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO05-01	ng/kg	7.4	1630	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO06-01	ng/kg	0.4	2130	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO07-01	ng/kg	0.6	511	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO08-01	ng/kg	1.2	1950	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO09-01	ng/kg	0.3	1910	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO10-01	ng/kg	1	1190	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO11-01	ng/kg	1.3	90	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO12-01	ng/kg	0.3	496	.	.	.	.	362	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total HxCDD	NA-TRND-SO13-01	ng/kg	0.4	448	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO14-01	ng/kg	0.4	100	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO15-01	ng/kg	0.4	202	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO16-01	ng/kg	0.7	350	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO17-01	ng/kg	1.1	122	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO18-01	ng/kg	0.6	125	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO19-01	ng/kg	0.9	143	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO20-01	ng/kg	1.5	407	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO21-01	ng/kg	0.4	98.7	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO22-01	ng/kg	0.4	153	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO23-01	ng/kg	0.4	327	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO24-31	ng/kg	0.9	115	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO25-01	ng/kg	0.9	51.9	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO26-01	ng/kg	0.9	481	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO27-01	ng/kg	1.5	161	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO28-01	ng/kg	0.2	148	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO29-01	ng/kg	0.2	166	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO30-01	ng/kg	1.9	47.6	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO31-01	ng/kg	1.9	122	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO32-01	ng/kg	0.8	143	.	.	.	.	362	S
SW8290	Total HxCDD	NA-TRND-SO33-01	ng/kg	1.3	238	.	.	.	.	362	S
SW8290	Total HxCDF	NA-TRND-SO01-01	ng/kg	0.1	347	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO02-01	ng/kg	0.2	683	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO03-01	ng/kg	0.2	476	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO04-31	ng/kg	0.9	4020	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO05-01	ng/kg	4.6	1870	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO06-01	ng/kg	0.2	4320	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO07-01	ng/kg	0.4	711	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO08-01	ng/kg	0.8	2260	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO09-01	ng/kg	0.2	2240	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO10-01	ng/kg	0.6	1630	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO11-01	ng/kg	0.9	148	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO12-01	ng/kg	0.3	686	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO13-01	ng/kg	0.2	509	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO14-01	ng/kg	0.3	134	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO15-01	ng/kg	0.3	320	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO16-01	ng/kg	0.5	485	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO17-01	ng/kg	0.7	27.9	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO18-01	ng/kg	0.4	147	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO19-01	ng/kg	0.6	167	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO20-01	ng/kg	1	565	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO21-01	ng/kg	0.3	114	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO22-01	ng/kg	0.3	266	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO23-01	ng/kg	0.3	347	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO24-31	ng/kg	0.6	118	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO25-01	ng/kg	0.6	45.9	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO26-01	ng/kg	0.6	637	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO27-01	ng/kg	1	262	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO28-01	ng/kg	0.1	258	.	.	.	.	535	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total HxCDF	NA-TRND-SO29-01	ng/kg	0.1	188	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO30-01	ng/kg	1.2	72	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO31-01	ng/kg	1.2	132	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO32-01	ng/kg	0.6	202	.	.	.	.	535	NS
SW8290	Total HxCDF	NA-TRND-SO33-01	ng/kg	0.7	257	.	.	.	.	535	NS
SW8290	Total PeCDD	NA-TRND-SO01-01	ng/kg	0.1	146	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO02-01	ng/kg	0.2	204	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO03-01	ng/kg	0.2	202	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO04-31	ng/kg	0.9	1900	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO05-01	ng/kg	6.1	984	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO06-01	ng/kg	0.2	1280	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO07-01	ng/kg	0.4	317	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO08-01	ng/kg	0.9	1010	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO09-01	ng/kg	0.4	1370	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO10-01	ng/kg	0.8	774	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO11-01	ng/kg	0.9	34	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO12-01	ng/kg	0.3	238	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO13-01	ng/kg	0.2	228	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO14-01	ng/kg	0.3	39.6	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO15-01	ng/kg	0.3	125	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO16-01	ng/kg	0.4	221	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO17-01	ng/kg	0.5	46.5	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO18-01	ng/kg	0.4	58.6	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO19-01	ng/kg	0.6	66	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO20-01	ng/kg	1	129	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO21-01	ng/kg	0.3	23.1	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO22-01	ng/kg	0.4	74.9	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO23-01	ng/kg	0.3	139	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO24-31	ng/kg	0.7	36.5	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO25-01	ng/kg	0.7	18.6	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO26-01	ng/kg	0.8	295	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO27-01	ng/kg	1.4	91.4	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO28-01	ng/kg	0.1	73.9	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO29-01	ng/kg	0.1	77.6	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO30-01	ng/kg	1.2	6.1	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO31-01	ng/kg	1.4	57.2	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO32-01	ng/kg	0.6	56.7	.	.	.	.	205	S
SW8290	Total PeCDD	NA-TRND-SO33-01	ng/kg	1	124	.	.	.	.	205	S
SW8290	Total PeCDF	NA-TRND-SO01-01	ng/kg	0.09	278	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO02-01	ng/kg	0.1	437	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO03-01	ng/kg	0.1	423	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO04-31	ng/kg	0.7	3500	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO05-01	ng/kg	3.7	1520	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO06-01	ng/kg	0.2	3310	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO07-01	ng/kg	0.3	626	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO08-01	ng/kg	0.6	2070	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO09-01	ng/kg	0.2	2050	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO10-01	ng/kg	0.5	1450	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO11-01	ng/kg	0.6	92.7	.	.	.	.	608	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total PeCDF	NA-TRND-SO12-01	ng/kg	0.2	544	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO13-01	ng/kg	0.1	426	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO14-01	ng/kg	0.2	100	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO15-01	ng/kg	0.2	370	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO16-01	ng/kg	0.3	536	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO17-01	ng/kg	0.4	87.8	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO18-01	ng/kg	0.3	123	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO19-01	ng/kg	0.4	122	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO20-01	ng/kg	0.6	443	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO21-01	ng/kg	0.2	87.3	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO22-01	ng/kg	0.3	195	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO23-01	ng/kg	0.3	286	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO24-31	ng/kg	0.5	110	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO25-01	ng/kg	0.5	44.2	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO26-01	ng/kg	0.5	704	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO27-01	ng/kg	0.9	321	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO28-01	ng/kg	0.1	223	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO29-01	ng/kg	0.1	175	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO30-01	ng/kg	0.8	31.4	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO31-01	ng/kg	0.9	134	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO32-01	ng/kg	0.4	154	.	.	.	.	608	NS
SW8290	Total PeCDF	NA-TRND-SO33-01	ng/kg	0.6	211	.	.	.	.	608	NS
8290	Total TCDD	NA-TRND-SO01-01	ng/kg	0.09	131	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO02-01	ng/kg	0.1	105	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO03-01	ng/kg	0.09	118	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO04-31	ng/kg	0.6	1220	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO05-01	ng/kg	3.2	724	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO06-01	ng/kg	0.2	1110	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO07-01	ng/kg	0.3	186	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO08-01	ng/kg	0.5	407	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO09-01	ng/kg	0.2	512	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO10-01	ng/kg	0.4	442	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO11-01	ng/kg	0.5	18.3	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO12-01	ng/kg	0.2	152	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO13-01	ng/kg	0.1	163	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO14-01	ng/kg	0.2	29.3	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO15-01	ng/kg	0.2	126	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO16-01	ng/kg	0.2	209	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO17-01	ng/kg	0.3	40.5	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO18-01	ng/kg	0.2	39.8	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO19-01	ng/kg	0.3	41.1	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO20-01	ng/kg	0.4	112	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO21-01	ng/kg	0.2	22.5	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO22-01	ng/kg	0.2	60.6	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO23-01	ng/kg	0.2	89.9	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO24-31	ng/kg	0.4	49	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO25-01	ng/kg	0.4	15	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO26-01	ng/kg	0.4	231	.	.	.	.	152	S
8290	Total TCDD	NA-TRND-SO27-01	ng/kg	0.6	67	.	.	.	.	152	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
SW8290	Total TCDD	NA-TRND-SO28-01	ng/kg	0.1	62.2	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO29-01	ng/kg	0.1	62.1	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO30-01	ng/kg	0.5	7.7	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO31-01	ng/kg	0.7	39.5	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO32-01	ng/kg	0.3	60.7	.	.	.	.	152	S
SW8290	Total TCDD	NA-TRND-SO33-01	ng/kg	0.5	67.9	.	.	.	.	152	S
SW8290	Total TCDF	NA-TRND-SO01-01	ng/kg	0.06	242	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO02-01	ng/kg	0.08	260	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO03-01	ng/kg	0.06	263	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO04-31	ng/kg	0.5	3330 J	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO05-01	ng/kg	2.3	1270	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO06-01	ng/kg	0.1	2210 J	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO07-01	ng/kg	0.3	465	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO08-01	ng/kg	0.4	1210	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO09-01	ng/kg	0.1	673	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO10-01	ng/kg	0.3	732	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO11-01	ng/kg	0.4	52.5	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO12-01	ng/kg	0.1	312	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO13-01	ng/kg	0.07	258	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO14-01	ng/kg	0.1	56.7	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO15-01	ng/kg	0.1	331	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO16-01	ng/kg	0.2	444	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO17-01	ng/kg	0.2	85.3	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO18-01	ng/kg	0.2	86	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO19-01	ng/kg	0.2	87.8	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO20-01	ng/kg	0.3	310	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO21-01	ng/kg	0.2	64.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO22-01	ng/kg	0.2	135	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO23-01	ng/kg	0.1	200	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO24-31	ng/kg	0.3	94.9	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO25-01	ng/kg	0.3	30.1	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO26-01	ng/kg	0.3	488	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO27-01	ng/kg	0.4	229	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO28-01	ng/kg	0.06	156	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO29-01	ng/kg	0.07	133	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO30-01	ng/kg	0.4	10.5	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO31-01	ng/kg	0.4	104	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO32-01	ng/kg	0.2	98	.	.	.	.	522	NS
SW8290	Total TCDF	NA-TRND-SO33-01	ng/kg	0.3	146	.	.	.	.	522	NS
ILM04.0	Cyanide	NA-TRND-SO01-01	mg/kg	0.4	0.72	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO02-01	mg/kg	0.42	ND	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO03-01	mg/kg	0.35	0.55	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO04-31	mg/kg	0.43	1.3	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO05-01	mg/kg	0.44	0.48	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO06-01	mg/kg	0.37	1.5	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO07-01	mg/kg	0.41	0.54	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO08-01	mg/kg	0.51	ND	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO09-01	mg/kg	0.46	ND	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO10-01	mg/kg	0.47	0.84	41000	4100	1600	160	1.08	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILM04.0	Cyanide	NA-TRND-SO11-01	mg/kg	0.35	ND	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO12-01	mg/kg	0.46	1	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO13-01	mg/kg	0.46	1	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO14-01	mg/kg	0.41	0.91	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO15-01	mg/kg	0.43	0.58	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO16-01	mg/kg	0.35	1.5	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO17-01	mg/kg	0.3	0.34	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO18-01	mg/kg	0.36	0.41	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO19-01	mg/kg	0.41	1.2	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO20-01	mg/kg	0.39	0.92	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO21-01	mg/kg	0.34	0.39	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO22-01	mg/kg	0.36	0.73	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO23-01	mg/kg	0.47	ND	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO24-31	mg/kg	0.33	1.2	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO25-01	mg/kg	0.38	0.44	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO26-01	mg/kg	0.37	0.69	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO27-01	mg/kg	0.41	0.47	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO28-01	mg/kg	0.33	0.78	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO29-01	mg/kg	0.35	0.92	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO30-01	mg/kg	0.37	1.2	41000	4100	1600	160	1.08	S
ILM04.0	Cyanide	NA-TRND-SO31-01	mg/kg	0.41	1	41000	4100	1600	160	1.08	S
[illegible]M04.0	Cyanide	NA-TRND-SO32-01	mg/kg	0.42	0.75	41000	4100	1600	160	1.08	S
[illegible]04.0	Cyanide	NA-TRND-SO33-01	mg/kg	0.49	0.67	41000	4100	1600	160	1.08	S
ILMO4.0	Aluminum	NA-TRND-SO01-01	mg/kg	2.7	45900	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO02-01	mg/kg	2.9	87800	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO03-01	mg/kg	2.2	49300	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO04-31	mg/kg	2.8	47100	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO05-01	mg/kg	2.8	49500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO06-01	mg/kg	2.4	52700	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO07-01	mg/kg	2.8	40800	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO08-01	mg/kg	3.3	62000	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO09-01	mg/kg	3	65700	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO10-01	mg/kg	2.9	64300	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO11-01	mg/kg	2.2	49400	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO12-01	mg/kg	3.2	88100	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO13-01	mg/kg	2.9	67500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO14-01	mg/kg	2.9	75600	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO15-01	mg/kg	2.8	68200	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO16-01	mg/kg	2.9	76100	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO17-01	mg/kg	2.3	55500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO18-01	mg/kg	2.5	57000	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO19-01	mg/kg	2.7	87500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO20-01	mg/kg	2.9	47400	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO21-01	mg/kg	2.4	66500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO22-01	mg/kg	2.3	53800	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO23-01	mg/kg	3	83800	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO24-31	mg/kg	2.5	67800	2E+06	200000	78000	7800	74000	S
[illegible]MO4.0	Aluminum	NA-TRND-SO25-01	mg/kg	2.6	86200	2E+06	200000	78000	7800	74000	S
[illegible]O4.0	Aluminum	NA-TRND-SO26-01	mg/kg	2.6	54500	2E+06	200000	78000	7800	74000	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Aluminum	NA-TRND-SO27-01	mg/kg	2.8	89900	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO28-01	mg/kg	2.4	45900	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO29-01	mg/kg	2.6	50800	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO30-01	mg/kg	2.6	80500	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO31-01	mg/kg	2.9	68100	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO32-01	mg/kg	2.7	80300	2E+06	200000	78000	7800	74000	S
ILMO4.0	Aluminum	NA-TRND-SO33-01	mg/kg	3.1	90700	2E+06	200000	78000	7800	74000	S
ILMO4.0	Antimony	NA-TRND-SO01-01	mg/kg	0.67	2 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO02-01	mg/kg	0.73	3.7 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO03-01	mg/kg	0.56	1.4 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO04-31	mg/kg	0.7	57.6 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO05-01	mg/kg	0.7	5.7 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO06-01	mg/kg	0.61	3.9 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO07-01	mg/kg	0.71	1.5 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO08-01	mg/kg	0.83	7.2 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO09-01	mg/kg	0.76	7.5 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO10-01	mg/kg	0.71	4.3 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO11-01	mg/kg	0.54	1.8 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO12-01	mg/kg	0.79	3.1 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO13-01	mg/kg	0.71	3.7 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO14-01	mg/kg	0.74	1.5 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO15-01	mg/kg	0.69	2.4 J	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO16-01	mg/kg	0.73	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO17-01	mg/kg	0.57	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO18-01	mg/kg	0.64	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO19-01	mg/kg	0.67	2.6 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO20-01	mg/kg	0.72	2 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO21-01	mg/kg	0.61	1.9 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO22-01	mg/kg	0.59	1.9 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO23-01	mg/kg	0.75	2.6 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO24-31	mg/kg	0.62	0.9 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO25-01	mg/kg	0.65	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO26-01	mg/kg	0.64	1 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO27-01	mg/kg	0.71	0.73 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO28-01	mg/kg	0.6	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO29-01	mg/kg	0.64	ND UL	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO30-01	mg/kg	0.64	1.1 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO31-01	mg/kg	0.72	1.4 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO32-01	mg/kg	0.68	1 L	820	82	31	3.1	2.4	NS
ILMO4.0	Antimony	NA-TRND-SO33-01	mg/kg	0.79	1.7 L	820	82	31	3.1	2.4	NS
ILMO4.0	Arsenic	NA-TRND-SO01-01	mg/kg	0.89	3.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO02-01	mg/kg	0.97	4.1	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO03-01	mg/kg	0.75	3.3	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO04-31	mg/kg	0.93	10.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO05-01	mg/kg	0.93	3.9	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO06-01	mg/kg	0.81	3.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO07-01	mg/kg	0.95	4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO08-01	mg/kg	1.1	6.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO09-01	mg/kg	1	4.9	3.8	3.8	0.43	0.43	6.64	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Arsenic	NA-TRND-SO10-01	mg/kg	0.95	5.3	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO11-01	mg/kg	0.72	3.4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO12-01	mg/kg	1.1	6	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO13-01	mg/kg	0.95	3.8	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO14-01	mg/kg	0.98	4.1	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO15-01	mg/kg	0.92	4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO16-01	mg/kg	0.97	4.1	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO17-01	mg/kg	0.76	3	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO18-01	mg/kg	0.85	2.6	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO19-01	mg/kg	0.89	5.2	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO20-01	mg/kg	0.96	3.8	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO21-01	mg/kg	0.81	4.1	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO22-01	mg/kg	0.78	4.3	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO23-01	mg/kg	1	5.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO24-31	mg/kg	0.83	3.9	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO25-01	mg/kg	0.87	4.4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO26-01	mg/kg	0.85	4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO27-01	mg/kg	0.95	4.5	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO28-01	mg/kg	0.8	14.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO29-01	mg/kg	0.86	3.4	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO30-01	mg/kg	0.85	4.2	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO31-01	mg/kg	0.97	4.7	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO32-01	mg/kg	0.91	5.2	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Arsenic	NA-TRND-SO33-01	mg/kg	1	4.6	3.8	3.8	0.43	0.43	6.64	S
ILMO4.0	Barium	NA-TRND-SO01-01	mg/kg	0.22	93.9	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO02-01	mg/kg	0.24	80.1	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO03-01	mg/kg	0.19	85.1	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO04-31	mg/kg	0.23	1380	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO05-01	mg/kg	0.23	148	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO06-01	mg/kg	0.2	73.7	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO07-01	mg/kg	0.24	76	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO08-01	mg/kg	0.28	115	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO09-01	mg/kg	0.25	129	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO10-01	mg/kg	0.24	141	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO11-01	mg/kg	0.18	69.4	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO12-01	mg/kg	0.26	68.2	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO13-01	mg/kg	0.24	96.3	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO14-01	mg/kg	0.25	90.1	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO15-01	mg/kg	0.23	82.3	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO16-01	mg/kg	0.24	89.3	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO17-01	mg/kg	0.19	56.7	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO18-01	mg/kg	0.21	72.9	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO19-01	mg/kg	0.22	66.3	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO20-01	mg/kg	0.24	84.9	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO21-01	mg/kg	0.2	72.9	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO22-01	mg/kg	0.2	115	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO23-01	mg/kg	0.25	75	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO24-31	mg/kg	0.21	92.2	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO25-01	mg/kg	0.22	86.3	140000	14000	5500	550	130	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Barium	NA-TRND-SO26-01	mg/kg	0.21	88.8	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO27-01	mg/kg	0.24	76.6	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO28-01	mg/kg	0.2	84.9	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO29-01	mg/kg	0.21	79	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO30-01	mg/kg	0.21	103	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO31-01	mg/kg	0.24	90	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO32-01	mg/kg	0.23	61.3	140000	14000	5500	550	130	NS
ILMO4.0	Barium	NA-TRND-SO33-01	mg/kg	0.26	58.8	140000	14000	5500	550	130	NS
ILMO4.0	Beryllium	NA-TRND-SO01-01	mg/kg	0.22	0.24	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO02-01	mg/kg	0.24	0.54	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO03-01	mg/kg	0.19	0.33	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO04-31	mg/kg	0.23	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO05-01	mg/kg	0.23	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO06-01	mg/kg	0.2	0.25	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO07-01	mg/kg	0.24	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO08-01	mg/kg	0.28	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO09-01	mg/kg	0.25	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO10-01	mg/kg	0.24	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO11-01	mg/kg	0.18	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO12-01	mg/kg	0.26	0.45	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO13-01	mg/kg	0.24	0.31	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO14-01	mg/kg	0.25	0.42	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO15-01	mg/kg	0.23	0.35	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO16-01	mg/kg	0.24	0.4	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO17-01	mg/kg	0.19	0.34	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO18-01	mg/kg	0.21	0.28	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO19-01	mg/kg	0.22	0.49	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO20-01	mg/kg	0.24	0.3	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO21-01	mg/kg	0.2	0.47	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO22-01	mg/kg	0.2	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO23-01	mg/kg	0.25	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO24-31	mg/kg	0.21	0.4	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO25-01	mg/kg	0.22	0.63	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO26-01	mg/kg	0.21	0.36	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO27-01	mg/kg	0.24	0.56	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO28-01	mg/kg	0.2	0.28	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO29-01	mg/kg	0.21	0.27	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO30-01	mg/kg	0.21	0.59	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO31-01	mg/kg	0.24	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO32-01	mg/kg	0.23	ND	4100	410	160	16	0.25	S
ILMO4.0	Beryllium	NA-TRND-SO33-01	mg/kg	0.26	ND	4100	410	160	16	0.25	S
ILMO4.0	Cadmium	NA-TRND-SO01-01	mg/kg	0.22	0.81 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO02-01	mg/kg	0.24	1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO03-01	mg/kg	0.19	0.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO04-31	mg/kg	0.23	23	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO05-01	mg/kg	0.23	1.4 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO06-01	mg/kg	0.2	2.9 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO07-01	mg/kg	0.24	1.6 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO08-01	mg/kg	0.28	1.9 K	1000	100	39	3.9	1.26	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Cadmium	NA-TRND-SO09-01	mg/kg	0.25	1.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO10-01	mg/kg	0.24	2.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO11-01	mg/kg	0.18	0.71 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO12-01	mg/kg	0.26	1.6 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO13-01	mg/kg	0.24	1.4 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO14-01	mg/kg	0.25	0.94 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO15-01	mg/kg	0.23	1.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO16-01	mg/kg	0.24	1.2 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO17-01	mg/kg	0.19	0.87 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO18-01	mg/kg	0.21	0.95 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO19-01	mg/kg	0.22	1.5 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO20-01	mg/kg	0.24	2.2 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO21-01	mg/kg	0.2	1.3 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO22-01	mg/kg	0.2	3.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO23-01	mg/kg	0.25	1.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO24-31	mg/kg	0.21	1.5 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO25-01	mg/kg	0.22	1.2 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO26-01	mg/kg	0.21	1.2 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO27-01	mg/kg	0.24	1.1 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO28-01	mg/kg	0.2	0.74 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO29-01	mg/kg	0.21	0.96 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO30-01	mg/kg	0.21	1.3 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO31-01	mg/kg	0.24	1.6 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO32-01	mg/kg	0.23	1.4 K	1000	100	39	3.9	1.26	S
ILMO4.0	Cadmium	NA-TRND-SO33-01	mg/kg	0.26	1.8 K	1000	100	39	3.9	1.26	S
ILMO4.0	Calcium	NA-TRND-SO01-01	mg/kg	5.8	9580					15400	NS
ILMO4.0	Calcium	NA-TRND-SO02-01	mg/kg	6.3	6650					15400	NS
ILMO4.0	Calcium	NA-TRND-SO03-01	mg/kg	4.9	9550					15400	NS
ILMO4.0	Calcium	NA-TRND-SO04-31	mg/kg	6.1	16500					15400	NS
ILMO4.0	Calcium	NA-TRND-SO05-01	mg/kg	6	10700					15400	NS
ILMO4.0	Calcium	NA-TRND-SO06-01	mg/kg	5.2	9340					15400	NS
ILMO4.0	Calcium	NA-TRND-SO07-01	mg/kg	6.2	6040					15400	NS
ILMO4.0	Calcium	NA-TRND-SO08-01	mg/kg	7.2	5900					15400	NS
ILMO4.0	Calcium	NA-TRND-SO09-01	mg/kg	6.6	6200					15400	NS
ILMO4.0	Calcium	NA-TRND-SO10-01	mg/kg	6.2	11800					15400	NS
ILMO4.0	Calcium	NA-TRND-SO11-01	mg/kg	4.7	11800					15400	NS
ILMO4.0	Calcium	NA-TRND-SO12-01	mg/kg	6.9	2710					15400	NS
ILMO4.0	Calcium	NA-TRND-SO13-01	mg/kg	6.2	7680					15400	NS
ILMO4.0	Calcium	NA-TRND-SO14-01	mg/kg	6.4	11400					15400	NS
ILMO4.0	Calcium	NA-TRND-SO15-01	mg/kg	6	10700					15400	NS
ILMO4.0	Calcium	NA-TRND-SO16-01	mg/kg	6.3	8070					15400	NS
ILMO4.0	Calcium	NA-TRND-SO17-01	mg/kg	5	7880					15400	NS
ILMO4.0	Calcium	NA-TRND-SO18-01	mg/kg	5.5	9530					15400	NS
ILMO4.0	Calcium	NA-TRND-SO19-01	mg/kg	5.8	4970					15400	NS
ILMO4.0	Calcium	NA-TRND-SO20-01	mg/kg	6.2	9040					15400	NS
ILMO4.0	Calcium	NA-TRND-SO21-01	mg/kg	5.3	7730					15400	NS
ILMO4.0	Calcium	NA-TRND-SO22-01	mg/kg	5.1	14000					15400	NS
ILMO4.0	Calcium	NA-TRND-SO23-01	mg/kg	6.5	3290					15400	NS
ILMO4.0	Calcium	NA-TRND-SO24-31	mg/kg	5.4	9240					15400	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Calcium	NA-TRND-SO25-01	mg/kg	5.6	6850	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO26-01	mg/kg	5.5	10800	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO27-01	mg/kg	6.2	7750	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO28-01	mg/kg	5.2	11200	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO29-01	mg/kg	5.6	10000	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO30-01	mg/kg	5.5	10600	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO31-01	mg/kg	6.3	7340	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO32-01	mg/kg	5.9	4450	.	.	.	.	15400	NS
ILMO4.0	Calcium	NA-TRND-SO33-01	mg/kg	6.8	4430	.	.	.	.	15400	NS
ILMO4.0	Chromium	NA-TRND-SO01-01	mg/kg	0.22	24.6	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO02-01	mg/kg	0.24	59.6	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO03-01	mg/kg	0.19	33.1	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO04-31	mg/kg	0.23	95.9	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO05-01	mg/kg	0.23	36.7	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO06-01	mg/kg	0.2	30.8	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO07-01	mg/kg	0.24	20.6	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO08-01	mg/kg	0.28	48	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO09-01	mg/kg	0.25	42.8	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO10-01	mg/kg	0.24	43.5	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO11-01	mg/kg	0.18	26.3	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO12-01	mg/kg	0.26	61	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO13-01	mg/kg	0.24	41	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO14-01	mg/kg	0.25	39.7	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO15-01	mg/kg	0.23	37.7	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO16-01	mg/kg	0.24	36.5 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO17-01	mg/kg	0.19	31.1 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO18-01	mg/kg	0.21	30.1 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO19-01	mg/kg	0.22	56.8 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO20-01	mg/kg	0.24	31.4 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO21-01	mg/kg	0.2	40.4 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO22-01	mg/kg	0.2	44.5	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO23-01	mg/kg	0.25	56.4	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO24-31	mg/kg	0.21	35.8 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO25-01	mg/kg	0.22	54.3 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO26-01	mg/kg	0.21	34.3 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO27-01	mg/kg	0.24	57.2 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO28-01	mg/kg	0.2	22.9 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO29-01	mg/kg	0.21	28 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO30-01	mg/kg	0.21	52.8 J	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO31-01	mg/kg	0.24	40.7	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO32-01	mg/kg	0.23	50.5	10000	1000	390	39	39.9	S
ILMO4.0	Chromium	NA-TRND-SO33-01	mg/kg	0.26	59	10000	1000	390	39	39.9	S
ILMO4.0	Cobalt	NA-TRND-SO01-01	mg/kg	0.22	18.1	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO02-01	mg/kg	0.24	34.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO03-01	mg/kg	0.19	19.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO04-31	mg/kg	0.23	22.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO05-01	mg/kg	0.23	24.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO06-01	mg/kg	0.2	20.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO07-01	mg/kg	0.24	18.4	120000	12000	4700	470	28.9	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Cobalt	NA-TRND-SO08-01	mg/kg	0.28	26.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO09-01	mg/kg	0.25	26.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO10-01	mg/kg	0.24	25.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO11-01	mg/kg	0.18	20.2	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO12-01	mg/kg	0.26	34.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO13-01	mg/kg	0.24	25.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO14-01	mg/kg	0.25	27.5	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO15-01	mg/kg	0.23	26.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO16-01	mg/kg	0.24	26.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO17-01	mg/kg	0.19	21.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO18-01	mg/kg	0.21	21.9	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO19-01	mg/kg	0.22	33.6	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO20-01	mg/kg	0.24	18.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO21-01	mg/kg	0.2	25.1	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO22-01	mg/kg	0.2	21.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO23-01	mg/kg	0.25	32.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO24-31	mg/kg	0.21	25.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO25-01	mg/kg	0.22	32.7	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO26-01	mg/kg	0.21	20	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO27-01	mg/kg	0.24	34.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO28-01	mg/kg	0.2	17.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO29-01	mg/kg	0.21	20.2	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO30-01	mg/kg	0.21	30.5	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO31-01	mg/kg	0.24	26.3	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO32-01	mg/kg	0.23	29.8	120000	12000	4700	470	28.9	NS
ILMO4.0	Cobalt	NA-TRND-SO33-01	mg/kg	0.26	36.4	120000	12000	4700	470	28.9	NS
ILMO4.0	Copper	NA-TRND-SO01-01	mg/kg	0.22	103	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO02-01	mg/kg	0.24	179	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO03-01	mg/kg	0.19	98.1	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO04-31	mg/kg	0.23	591	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO05-01	mg/kg	0.23	159	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO06-01	mg/kg	0.2	181	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO07-01	mg/kg	0.24	101	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO08-01	mg/kg	0.28	163	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO09-01	mg/kg	0.25	163	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO10-01	mg/kg	0.24	172	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO11-01	mg/kg	0.18	115	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO12-01	mg/kg	0.26	180	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO13-01	mg/kg	0.24	158	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO14-01	mg/kg	0.25	144	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO15-01	mg/kg	0.23	133	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO16-01	mg/kg	0.24	116	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO17-01	mg/kg	0.19	112	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO18-01	mg/kg	0.21	117	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO19-01	mg/kg	0.22	173	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO20-01	mg/kg	0.24	97.8	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO21-01	mg/kg	0.2	129	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO22-01	mg/kg	0.2	114	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO23-01	mg/kg	0.25	171	82000	8200	3100	310	134	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Copper	NA-TRND-SO24-31	mg/kg	0.21	134	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO25-01	mg/kg	0.22	165	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO26-01	mg/kg	0.21	116	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO27-01	mg/kg	0.24	164	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO28-01	mg/kg	0.2	95.3	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO29-01	mg/kg	0.21	105	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO30-01	mg/kg	0.21	164	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO31-01	mg/kg	0.24	140	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO32-01	mg/kg	0.23	146	82000	8200	3100	310	134	S
ILMO4.0	Copper	NA-TRND-SO33-01	mg/kg	0.26	199	82000	8200	3100	310	134	S
ILMO4.0	Iron	NA-TRND-SO01-01	mg/kg	3.1	39000	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO02-01	mg/kg	3.4	74700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO03-01	mg/kg	2.6	44400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO04-31	mg/kg	3.3	48600	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO05-01	mg/kg	3.3	50100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO06-01	mg/kg	2.8	43400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO07-01	mg/kg	3.3	36800	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO08-01	mg/kg	3.9	54100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO09-01	mg/kg	3.5	55000	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO10-01	mg/kg	3.3	54600	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO11-01	mg/kg	2.5	45600	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO12-01	mg/kg	3.7	75400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO13-01	mg/kg	3.3	56100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO14-01	mg/kg	3.4	61300	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO15-01	mg/kg	3.2	58200	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO16-01	mg/kg	3.4	60800	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO17-01	mg/kg	2.7	49900	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO18-01	mg/kg	3	48100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO19-01	mg/kg	3.1	78500	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO20-01	mg/kg	3.4	40400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO21-01	mg/kg	2.9	57700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO22-01	mg/kg	2.7	48200	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO23-01	mg/kg	3.5	72000	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO24-31	mg/kg	2.9	57100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO25-01	mg/kg	3	74700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO26-01	mg/kg	3	46200	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO27-01	mg/kg	3.3	77100	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO28-01	mg/kg	2.8	40400	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO29-01	mg/kg	3	44700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO30-01	mg/kg	3	70700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO31-01	mg/kg	3.4	56700	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO32-01	mg/kg	3.2	68200	610000	61000	23000	2300	60600	S
ILMO4.0	Iron	NA-TRND-SO33-01	mg/kg	3.7	78500	610000	61000	23000	2300	60600	S
ILMO4.0	Lead	NA-TRND-SO01-01	mg/kg	0.44	120	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO02-01	mg/kg	0.49	225	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO03-01	mg/kg	0.37	43.6	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO04-31	mg/kg	0.47	1420	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO05-01	mg/kg	0.47	72.4	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO06-01	mg/kg	0.4	83.1	400	400	400	400	95.5	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Lead	NA-TRND-SO07-01	mg/kg	0.47	42.4	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO08-01	mg/kg	0.56	100	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO09-01	mg/kg	0.5	94.7	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO10-01	mg/kg	0.48	137	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO11-01	mg/kg	0.36	28.4	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO12-01	mg/kg	0.53	63.6	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO13-01	mg/kg	0.48	117	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO14-01	mg/kg	0.49	17.2	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO15-01	mg/kg	0.46	48.3	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO16-01	mg/kg	0.48	48.8	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO17-01	mg/kg	0.38	30.3	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO18-01	mg/kg	0.42	29.3	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO19-01	mg/kg	0.45	36.7	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO20-01	mg/kg	0.48	65.4	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO21-01	mg/kg	0.41	80.5	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO22-01	mg/kg	0.39	135	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO23-01	mg/kg	0.5	57.9	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO24-31	mg/kg	0.42	40.5	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO25-01	mg/kg	0.43	15.1	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO26-01	mg/kg	0.43	64.5	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO27-01	mg/kg	0.47	97.9	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO28-01	mg/kg	0.4	56	400	400	400	400	95.5	S
[illegible]O4.0	Lead	NA-TRND-SO29-01	mg/kg	0.43	32.5	400	400	400	400	95.5	S
[illegible]MO4.0	Lead	NA-TRND-SO30-01	mg/kg	0.43	28	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO31-01	mg/kg	0.48	44	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO32-01	mg/kg	0.46	20.7	400	400	400	400	95.5	S
ILMO4.0	Lead	NA-TRND-SO33-01	mg/kg	0.52	42.8	400	400	400	400	95.5	S
ILMO4.0	Magnesium	NA-TRND-SO01-01	mg/kg	2	7380	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO02-01	mg/kg	2.2	11400	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO03-01	mg/kg	1.7	7950	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO04-31	mg/kg	2.1	7570	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO05-01	mg/kg	2.1	9060	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO06-01	mg/kg	1.8	8230	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO07-01	mg/kg	2.1	7970	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO08-01	mg/kg	2.5	8630	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO09-01	mg/kg	2.3	8550	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO10-01	mg/kg	2.1	9040	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO11-01	mg/kg	1.6	9040	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO12-01	mg/kg	2.4	10600	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO13-01	mg/kg	2.1	8900	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO14-01	mg/kg	2.2	9300	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO15-01	mg/kg	2.1	9300	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO16-01	mg/kg	2.2	11300	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO17-01	mg/kg	1.7	9270	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO18-01	mg/kg	1.9	9150	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO19-01	mg/kg	2	10600	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO20-01	mg/kg	2.2	7650	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO21-01	mg/kg	1.8	10600	.	.	.	.	12400	NS
[illegible]O4.0	Magnesium	NA-TRND-SO22-01	mg/kg	1.8	9540	.	.	.	.	12400	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Magnesium	NA-TRND-SO23-01	mg/kg	2.3	7900	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO24-31	mg/kg	1.9	9590	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO25-01	mg/kg	1.9	9780	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO26-01	mg/kg	1.9	8010	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO27-01	mg/kg	2.1	12900	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO28-01	mg/kg	1.8	7900	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO29-01	mg/kg	1.9	8870	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO30-01	mg/kg	1.9	11600	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO31-01	mg/kg	2.2	8630	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO32-01	mg/kg	2.1	11600	.	.	.	.	12400	NS
ILMO4.0	Magnesium	NA-TRND-SO33-01	mg/kg	2.4	15600	.	.	.	.	12400	NS
ILMO4.0	Manganese	NA-TRND-SO01-01	mg/kg	0.22	786	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO02-01	mg/kg	0.24	1300	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO03-01	mg/kg	0.19	778	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO04-31	mg/kg	0.23	1200	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO05-01	mg/kg	0.23	830	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO06-01	mg/kg	0.2	809	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO07-01	mg/kg	0.24	733	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO08-01	mg/kg	0.28	1070	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO09-01	mg/kg	0.25	1060	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO10-01	mg/kg	0.24	1050	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO11-01	mg/kg	0.18	886	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO12-01	mg/kg	0.26	1250	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO13-01	mg/kg	0.24	1000	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO14-01	mg/kg	0.25	1120	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO15-01	mg/kg	0.23	1140	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO16-01	mg/kg	0.24	1090	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO17-01	mg/kg	0.19	893	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO18-01	mg/kg	0.21	863	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO19-01	mg/kg	0.22	1270	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO20-01	mg/kg	0.24	757	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO21-01	mg/kg	0.2	996	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO22-01	mg/kg	0.2	877	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO23-01	mg/kg	0.25	1230	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO24-31	mg/kg	0.21	1040	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO25-01	mg/kg	0.22	1260	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO26-01	mg/kg	0.21	836	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO27-01	mg/kg	0.24	1330	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO28-01	mg/kg	0.2	764	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO29-01	mg/kg	0.21	815	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO30-01	mg/kg	0.21	1210	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO31-01	mg/kg	0.24	1050	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO32-01	mg/kg	0.23	1130	41000	4100	1600	160	1050	S
ILMO4.0	Manganese	NA-TRND-SO33-01	mg/kg	0.26	1380	41000	4100	1600	160	1050	S
ILMO4.0	Mercury	NA-TRND-SO01-01	mg/kg	0.03	0.12	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO02-01	mg/kg	0.03	0.09	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO03-01	mg/kg	0.02	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO04-31	mg/kg	0.06	2.5	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO05-01	mg/kg	0.03	0.17	200	20	7.8	0.78	0.228	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
ILMO4.0	Mercury	NA-TRND-SO06-01	mg/kg	0.03	0.33	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO07-01	mg/kg	0.03	0.15	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO08-01	mg/kg	0.03	0.2	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO09-01	mg/kg	0.03	0.19	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO10-01	mg/kg	0.03	0.21	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO11-01	mg/kg	0.02	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO12-01	mg/kg	0.03	0.14	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO13-01	mg/kg	0.03	0.16	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO14-01	mg/kg	0.03	0.05	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO15-01	mg/kg	0.03	0.13	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO16-01	mg/kg	0.03	0.18	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO17-01	mg/kg	0.02	0.08	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO18-01	mg/kg	0.02	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO19-01	mg/kg	0.03	0.11	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO20-01	mg/kg	0.03	0.16	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO21-01	mg/kg	0.03	0.09	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO22-01	mg/kg	0.02	0.08	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO23-01	mg/kg	0.03	0.16	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO24-31	mg/kg	0.02	0.13	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO25-01	mg/kg	0.03	0.04	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO26-01	mg/kg	0.03	0.12	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO27-01	mg/kg	0.03	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO28-01	mg/kg	0.03	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO29-01	mg/kg	0.02	0.12	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO30-01	mg/kg	0.02	0.04	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO31-01	mg/kg	0.03	0.13	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO32-01	mg/kg	0.03	0.07	200	20	7.8	0.78	0.228	NS
ILMO4.0	Mercury	NA-TRND-SO33-01	mg/kg	0.03	0.11	200	20	7.8	0.78	0.228	NS
ILMO4.0	Nickel	NA-TRND-SO01-01	mg/kg	0.44	23	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO02-01	mg/kg	0.49	51.2	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO03-01	mg/kg	0.37	28.9	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO04-31	mg/kg	0.23	68.3	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO05-01	mg/kg	0.23	34.6	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO06-01	mg/kg	0.4	29.8	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO07-01	mg/kg	0.24	25.4	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO08-01	mg/kg	0.28	46.6	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO09-01	mg/kg	0.25	42.3	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO10-01	mg/kg	0.24	38.3	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO11-01	mg/kg	0.18	26	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO12-01	mg/kg	0.53	55.7	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO13-01	mg/kg	0.48	36.9	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO14-01	mg/kg	0.49	33.8	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO15-01	mg/kg	0.46	38.2	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO16-01	mg/kg	0.24	36.1 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO17-01	mg/kg	0.19	29.9 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO18-01	mg/kg	0.21	30.1 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO19-01	mg/kg	0.22	49.2 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO20-01	mg/kg	0.24	26.9 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO21-01	mg/kg	0.2	48.8 J	41000	4100	1600	160	39.5	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Nickel	NA-TRND-SO22-01	mg/kg	0.2	31.3	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO23-01	mg/kg	0.25	46.6	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO24-31	mg/kg	0.21	34 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO25-01	mg/kg	0.22	46.1 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO26-01	mg/kg	0.21	29.4 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO27-01	mg/kg	0.24	49.8 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO28-01	mg/kg	0.2	23.3 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO29-01	mg/kg	0.21	27.9 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO30-01	mg/kg	0.21	44.4 J	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO31-01	mg/kg	0.24	35.4	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO32-01	mg/kg	0.23	40.5	41000	4100	1600	160	39.5	S
ILMO4.0	Nickel	NA-TRND-SO33-01	mg/kg	0.26	51.3	41000	4100	1600	160	39.5	S
ILMO4.0	Potassium	NA-TRND-SO01-01	mg/kg	1.3	606	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO02-01	mg/kg	1.5	568	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO03-01	mg/kg	1.1	783	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO04-31	mg/kg	1.4	1840	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO05-01	mg/kg	1.4	1030	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO06-01	mg/kg	1.2	336	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO07-01	mg/kg	1.4	324	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO08-01	mg/kg	1.7	653	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO09-01	mg/kg	1.5	848	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO10-01	mg/kg	1.4	1570	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO11-01	mg/kg	1.1	649	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO12-01	mg/kg	1.6	431	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO13-01	mg/kg	1.4	771	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO14-01	mg/kg	1.5	656	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO15-01	mg/kg	1.4	595	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO16-01	mg/kg	1.5	1220	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO17-01	mg/kg	1.1	461	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO18-01	mg/kg	1.3	315	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO19-01	mg/kg	1.3	442	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO20-01	mg/kg	1.4	643	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO21-01	mg/kg	1.2	695	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO22-01	mg/kg	1.2	879	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO23-01	mg/kg	1.5	550	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO24-31	mg/kg	1.2	611	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO25-01	mg/kg	1.3	395	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO26-01	mg/kg	1.3	586	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO27-01	mg/kg	1.4	583	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO28-01	mg/kg	1.2	508	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO29-01	mg/kg	1.3	807	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO30-01	mg/kg	1.3	626	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO31-01	mg/kg	1.4	792	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO32-01	mg/kg	1.4	698	.	.	.	.	643	S
ILMO4.0	Potassium	NA-TRND-SO33-01	mg/kg	1.6	718	.	.	.	.	643	S
ILMO4.0	Selenium	NA-TRND-SO01-01	mg/kg	0.44	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO02-01	mg/kg	0.49	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO03-01	mg/kg	0.37	0.94 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO04-31	mg/kg	0.47	1.4 L	10000	1000	390	39	0.794	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion
						RBC	RBSL	RBC	RBSL	UTL	Reference vs. Site
ILMO4.0	Selenium	NA-TRND-SO05-01	mg/kg	0.47	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO06-01	mg/kg	0.4	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO07-01	mg/kg	0.47	0.52 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO08-01	mg/kg	0.56	1.2 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO09-01	mg/kg	0.5	0.87 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO10-01	mg/kg	0.48	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO11-01	mg/kg	0.36	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO12-01	mg/kg	0.53	2 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO13-01	mg/kg	0.48	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO14-01	mg/kg	0.49	1.5 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO15-01	mg/kg	0.46	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO16-01	mg/kg	0.48	1.2 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO17-01	mg/kg	0.38	1.2 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO18-01	mg/kg	0.42	1.2 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO19-01	mg/kg	0.45	1.8 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO20-01	mg/kg	0.48	1.3 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO21-01	mg/kg	0.41	1.1 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO22-01	mg/kg	0.39	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO23-01	mg/kg	0.5	0.85 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO24-31	mg/kg	0.42	1.6 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO25-01	mg/kg	0.43	1.7 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO26-01	mg/kg	0.43	1 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO27-01	mg/kg	0.47	1.8 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO28-01	mg/kg	0.4	1.5 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO29-01	mg/kg	0.43	1.1 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO30-01	mg/kg	0.43	1.5 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO31-01	mg/kg	0.48	0.9 L	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO32-01	mg/kg	0.46	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Selenium	NA-TRND-SO33-01	mg/kg	0.52	ND UL	10000	1000	390	39	0.794	S
ILMO4.0	Silver	NA-TRND-SO01-01	mg/kg	0.22	0.28	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO02-01	mg/kg	0.24	0.38	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO03-01	mg/kg	0.19	0.29	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO04-31	mg/kg	0.23	123	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO05-01	mg/kg	0.23	1.1	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO06-01	mg/kg	0.2	0.44	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO07-01	mg/kg	0.24	0.28	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO08-01	mg/kg	0.28	0.81	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO09-01	mg/kg	0.25	0.82	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO10-01	mg/kg	0.24	0.99	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO11-01	mg/kg	0.18	0.37	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO12-01	mg/kg	0.26	0.5	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO13-01	mg/kg	0.24	0.62	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO14-01	mg/kg	0.25	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO15-01	mg/kg	0.23	0.46	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO16-01	mg/kg	0.24	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO17-01	mg/kg	0.19	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO18-01	mg/kg	0.21	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO19-01	mg/kg	0.22	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO20-01	mg/kg	0.24	2.1	10000	1000	390	39	0.61	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Silver	NA-TRND-SO21-01	mg/kg	0.2	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO22-01	mg/kg	0.2	0.32	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO23-01	mg/kg	0.25	0.44	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO24-31	mg/kg	0.21	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO25-01	mg/kg	0.22	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO26-01	mg/kg	0.21	0.44	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO27-01	mg/kg	0.24	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO28-01	mg/kg	0.2	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO29-01	mg/kg	0.21	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO30-01	mg/kg	0.21	ND	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO31-01	mg/kg	0.24	0.45	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO32-01	mg/kg	0.23	0.25	10000	1000	390	39	0.61	NS
ILMO4.0	Silver	NA-TRND-SO33-01	mg/kg	0.26	0.38	10000	1000	390	39	0.61	NS
ILMO4.0	Sodium	NA-TRND-SO01-01	mg/kg	22.2	1280	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO02-01	mg/kg	24.3	659	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO03-01	mg/kg	18.7	737	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO04-31	mg/kg	23.3	467	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO05-01	mg/kg	23.3	358	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO06-01	mg/kg	20.2	1630	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO07-01	mg/kg	23.7	698	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO08-01	mg/kg	27.8	482	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO09-01	mg/kg	25.2	513	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO10-01	mg/kg	23.8	462	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO11-01	mg/kg	18.1	637	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO12-01	mg/kg	26.4	403	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO13-01	mg/kg	23.8	769	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO14-01	mg/kg	24.6	1020	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO15-01	mg/kg	22.9	1330	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO16-01	mg/kg	24.2	630 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO17-01	mg/kg	19.1	997 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO18-01	mg/kg	21.2	1410 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO19-01	mg/kg	22.3	541 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO20-01	mg/kg	24	1180 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO21-01	mg/kg	20.4	805 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO22-01	mg/kg	19.6	1200	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO23-01	mg/kg	25.1	344	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO24-31	mg/kg	20.8	1140 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO25-01	mg/kg	21.7	713 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO26-01	mg/kg	21.3	1390 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO27-01	mg/kg	23.7	646 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO28-01	mg/kg	20.1	1130 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO29-01	mg/kg	21.5	1270 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO30-01	mg/kg	21.3	688 J	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO31-01	mg/kg	24.1	962	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO32-01	mg/kg	22.8	350	.	.	.	.	2430	NS
ILMO4.0	Sodium	NA-TRND-SO33-01	mg/kg	26.2	384	.	.	.	.	2430	NS
ILMO4.0	Thallium	NA-TRND-SO01-01	mg/kg	0.89	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO02-01	mg/kg	0.97	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO03-01	mg/kg	0.75	ND UL	140	14	5.5	0.55	1.82	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference UTL	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL		
ILMO4.0	Thallium	NA-TRND-SO04-31	mg/kg	0.93	3.1 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO05-01	mg/kg	0.93	3.8 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO06-01	mg/kg	0.81	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO07-01	mg/kg	0.95	2.4 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO08-01	mg/kg	1.1	2.6 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO09-01	mg/kg	1	4.3 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO10-01	mg/kg	0.95	3.9 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO11-01	mg/kg	0.72	3.4 L	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO12-01	mg/kg	1.1	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO13-01	mg/kg	0.95	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO14-01	mg/kg	0.98	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO15-01	mg/kg	0.92	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO16-01	mg/kg	0.97	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO17-01	mg/kg	0.76	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO18-01	mg/kg	0.85	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO19-01	mg/kg	0.89	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO20-01	mg/kg	0.96	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO21-01	mg/kg	0.81	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO22-01	mg/kg	0.78	2.2	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO23-01	mg/kg	1	3.7	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO24-31	mg/kg	0.83	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO25-01	mg/kg	0.87	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO26-01	mg/kg	0.85	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO27-01	mg/kg	0.95	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO28-01	mg/kg	0.8	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO29-01	mg/kg	0.86	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO30-01	mg/kg	0.85	ND UL	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO31-01	mg/kg	0.97	2.6	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO32-01	mg/kg	0.91	3.3	140	14	5.5	0.55	1.82	NS
ILMO4.0	Thallium	NA-TRND-SO33-01	mg/kg	1	4.2	140	14	5.5	0.55	1.82	NS
ILMO4.0	Vanadium	NA-TRND-SO01-01	mg/kg	0.22	151	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO02-01	mg/kg	0.24	322	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO03-01	mg/kg	0.19	165	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO04-31	mg/kg	0.23	160	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO05-01	mg/kg	0.23	202	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO06-01	mg/kg	0.2	174	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO07-01	mg/kg	0.24	141	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO08-01	mg/kg	0.28	235	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO09-01	mg/kg	0.25	238	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO10-01	mg/kg	0.24	209	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO11-01	mg/kg	0.18	189	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO12-01	mg/kg	0.26	351	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO13-01	mg/kg	0.24	232	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO14-01	mg/kg	0.25	260	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO15-01	mg/kg	0.23	245	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO16-01	mg/kg	0.24	235	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO17-01	mg/kg	0.19	199	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO18-01	mg/kg	0.21	194	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO19-01	mg/kg	0.22	330	14000	1400	550	55	268	S

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
ILMO4.0	Vanadium	NA-TRND-SO20-01	mg/kg	0.24	160	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO21-01	mg/kg	0.2	233	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO22-01	mg/kg	0.2	196	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO23-01	mg/kg	0.25	344	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO24-31	mg/kg	0.21	234	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO25-01	mg/kg	0.22	322	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO26-01	mg/kg	0.21	191	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO27-01	mg/kg	0.24	332	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO28-01	mg/kg	0.2	155	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO29-01	mg/kg	0.21	177	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO30-01	mg/kg	0.21	307	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO31-01	mg/kg	0.24	250	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO32-01	mg/kg	0.23	270	14000	1400	550	55	268	S
ILMO4.0	Vanadium	NA-TRND-SO33-01	mg/kg	0.26	333	14000	1400	550	55	268	S
ILMO4.0	Zinc	NA-TRND-SO01-01	mg/kg	0.22	133	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO02-01	mg/kg	0.24	214	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO03-01	mg/kg	0.19	191	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO04-31	mg/kg	0.23	3010	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO05-01	mg/kg	0.23	284	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO06-01	mg/kg	0.2	186	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO07-01	mg/kg	0.24	116	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO08-01	mg/kg	0.28	264	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO09-01	mg/kg	0.25	260	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO10-01	mg/kg	0.24	441	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO11-01	mg/kg	0.18	101	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO12-01	mg/kg	0.26	152	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO13-01	mg/kg	0.24	184	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO14-01	mg/kg	0.25	113	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO15-01	mg/kg	0.23	132	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO16-01	mg/kg	0.24	251	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO17-01	mg/kg	0.19	90.3	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO18-01	mg/kg	0.21	84.8	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO19-01	mg/kg	0.22	303	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO20-01	mg/kg	0.24	224	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO21-01	mg/kg	0.2	176	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO22-01	mg/kg	0.2	254	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO23-01	mg/kg	0.25	150	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO24-31	mg/kg	0.21	114	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO25-01	mg/kg	0.22	142	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO26-01	mg/kg	0.21	146	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO27-01	mg/kg	0.24	144	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO28-01	mg/kg	0.2	88	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO29-01	mg/kg	0.21	90.7	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO30-01	mg/kg	0.21	110	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO31-01	mg/kg	0.24	125	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO32-01	mg/kg	0.23	122	610000	61000	23000	2300	224	S
ILMO4.0	Zinc	NA-TRND-SO33-01	mg/kg	0.26	150	610000	61000	23000	2300	224	S
300	Chloride	NA-TRND-SO01-01	mg/kg	1.75	ND	200000	20000	7800	780	5.16	NS
300	Chloride	NA-TRND-SO12-01	mg/kg	2.02	4.7	200000	20000	7800	780	5.16	NS

Appendix F-11
Trend Analysis - Surface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial		Residential		Reference	Means Comparison Conclusion Reference vs. Site
						RBC	RBSL	RBC	RBSL	UTL	
300	Chloride	NA-TRND-SO13-01	mg/kg	1.86	5	200000	20000	7800	780	5.16	NS
300	Chloride	NA-TRND-SO20-01	mg/kg	1.87	3.96	200000	20000	7800	780	5.16	NS
300	Chloride	NA-TRND-SO29-01	mg/kg	1.62	3.91	200000	20000	7800	780	5.16	NS
300	Fluoride	NA-TRND-SO01-01	mg/kg	1.75	3.53	120000	12000	4700	470	0.763	S
300	Fluoride	NA-TRND-SO12-01	mg/kg	2.02	2.24	120000	12000	4700	470	0.763	S
300	Fluoride	NA-TRND-SO13-01	mg/kg	1.86	2.67	120000	12000	4700	470	0.763	S
300	Fluoride	NA-TRND-SO20-01	mg/kg	1.87	ND	120000	12000	4700	470	0.763	S
300	Fluoride	NA-TRND-SO29-01	mg/kg	1.62	1.8	120000	12000	4700	470	0.763	S
353.2	Nitrate	NA-TRND-SO01-01	mg/kg	8.77	43.9	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-TRND-SO12-01	mg/kg	1.01	ND	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-TRND-SO13-01	mg/kg	0.92	ND	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-TRND-SO20-01	mg/kg	0.93	10.9	3E+06	330000	130000	13000	15.5	NS
353.2	Nitrate	NA-TRND-SO29-01	mg/kg	0.81	6.65	3E+06	330000	130000	13000	15.5	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

NS = Not signficant. On average, site data were not signficantly greater than reference data.

S = Signficant. On average, site data were signficantly greater than reference data.

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLM03.2	4,4'-DDD	NA-TRND-SO01-02	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO02-02	ug/kg	0.34	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO03-02	ug/kg	0.27	3.9	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO04-02	ug/kg	0.23	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO10-02	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO15-02	ug/kg	0.29	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO21-02	ug/kg	0.27	6.2 J	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO23-02	ug/kg	0.41	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO25-02	ug/kg	0.42	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO27-02	ug/kg	0.3	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDD	NA-TRND-SO29-02	ug/kg	0.25	ND	24000	24000	2700	2700	NC	NC
OLM03.2	4,4'-DDE	NA-TRND-SO01-02	ug/kg	0.25	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO02-02	ug/kg	0.34	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO03-02	ug/kg	0.27	19	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO04-02	ug/kg	0.23	220	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO10-02	ug/kg	0.3	26	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO15-02	ug/kg	0.29	0.73	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO21-02	ug/kg	2.7	690	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO23-02	ug/kg	0.41	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO25-02	ug/kg	0.42	ND	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO27-02	ug/kg	0.59	130	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDE	NA-TRND-SO29-02	ug/kg	0.25	0.86	17000	17000	1900	1900	5.8	NS
OLM03.2	4,4'-DDT	NA-TRND-SO01-02	ug/kg	0.25	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO02-02	ug/kg	0.34	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO03-02	ug/kg	0.27	12 J	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO04-02	ug/kg	0.23	320	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO10-02	ug/kg	0.3	29	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO15-02	ug/kg	0.29	1	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO21-02	ug/kg	2.7	300	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO23-02	ug/kg	0.41	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO25-02	ug/kg	0.42	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO27-02	ug/kg	0.3	89 J	17000	17000	1900	1900	1.7	NS
OLM03.2	4,4'-DDT	NA-TRND-SO29-02	ug/kg	0.25	ND	17000	17000	1900	1900	1.7	NS
OLM03.2	Aldrin	NA-TRND-SO01-02	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO02-02	ug/kg	0.34	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO03-02	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO04-02	ug/kg	0.23	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO10-02	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO15-02	ug/kg	0.29	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO21-02	ug/kg	0.27	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO23-02	ug/kg	0.41	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO25-02	ug/kg	0.42	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO27-02	ug/kg	0.3	ND	340	340	38	38	NC	NC
OLM03.2	Aldrin	NA-TRND-SO29-02	ug/kg	0.25	ND	340	340	38	38	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1016	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1221	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1232	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLM03.2	Aroclor-1242	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1242	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1248	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO10-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO15-02	ug/kg	0.29	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1254	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO01-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO02-02	ug/kg	0.34	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO03-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO04-02	ug/kg	0.23	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO10-02	ug/kg	0.3	300	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO15-02	ug/kg	0.29	28 J	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO21-02	ug/kg	0.27	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO23-02	ug/kg	0.41	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO25-02	ug/kg	0.42	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO27-02	ug/kg	0.3	ND	2900	2900	320	320	NC	NC
OLM03.2	Aroclor-1260	NA-TRND-SO29-02	ug/kg	0.25	ND	2900	2900	320	320	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO01-02	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO02-02	ug/kg	0.34	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO03-02	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO04-02	ug/kg	0.23	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO10-02	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO15-02	ug/kg	0.29	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO21-02	ug/kg	0.27	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO23-02	ug/kg	0.41	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO25-02	ug/kg	0.42	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO27-02	ug/kg	0.3	ND	360	360	40	40	NC	NC
OLM03.2	Dieldrin	NA-TRND-SO29-02	ug/kg	0.25	ND	360	360	40	40	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO01-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO02-02	ug/kg	0.34	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO03-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO04-02	ug/kg	0.23	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO10-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO15-02	ug/kg	0.29	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO21-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO23-02	ug/kg	0.41	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO25-02	ug/kg	0.42	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO27-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan I	NA-TRND-SO29-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO01-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO02-02	ug/kg	0.34	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO03-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO04-02	ug/kg	0.23	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO10-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO15-02	ug/kg	0.29	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO21-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO23-02	ug/kg	0.41	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO25-02	ug/kg	0.42	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO27-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan II	NA-TRND-SO29-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO01-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO02-02	ug/kg	0.34	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO03-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO04-02	ug/kg	0.23	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO10-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO15-02	ug/kg	0.29	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO21-02	ug/kg	0.27	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO23-02	ug/kg	0.41	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO25-02	ug/kg	0.42	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endosulfan sulfate	NA-TRND-SO27-02	ug/kg	0.3	ND	12000000	1200000	470000	47000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Trends Comparison Conclusion Reference vs. Site
OLM03.2	Endosulfan sulfate	NA-TRND-SO29-02	ug/kg	0.25	ND	12000000	1200000	470000	47000	NC	NC
OLM03.2	Endrin	NA-TRND-SO01-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO02-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO03-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO04-02	ug/kg	0.23	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO10-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO15-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO21-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO23-02	ug/kg	0.41	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO25-02	ug/kg	0.42	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO27-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin	NA-TRND-SO29-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO01-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO02-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO03-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO04-02	ug/kg	0.23	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO10-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO15-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO21-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO23-02	ug/kg	0.41	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO25-02	ug/kg	0.42	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO27-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin aldehyde	NA-TRND-SO29-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO01-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO02-02	ug/kg	0.34	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO03-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO04-02	ug/kg	0.23	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO10-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO15-02	ug/kg	0.29	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO21-02	ug/kg	0.27	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO23-02	ug/kg	0.41	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO25-02	ug/kg	0.42	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO27-02	ug/kg	0.3	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Endrin ketone	NA-TRND-SO29-02	ug/kg	0.25	ND	610000	61000	23000	2300	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO01-02	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO02-02	ug/kg	0.34	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO03-02	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO04-02	ug/kg	0.23	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO10-02	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO15-02	ug/kg	0.29	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO21-02	ug/kg	0.27	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO23-02	ug/kg	0.41	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO25-02	ug/kg	0.42	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO27-02	ug/kg	0.3	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor	NA-TRND-SO29-02	ug/kg	0.25	ND	1300	1300	140	140	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO01-02	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO02-02	ug/kg	0.34	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO03-02	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO04-02	ug/kg	0.23	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO10-02	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO15-02	ug/kg	0.29	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO21-02	ug/kg	0.27	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO23-02	ug/kg	0.41	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO25-02	ug/kg	0.42	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO27-02	ug/kg	0.3	ND	630	630	70	70	NC	NC
OLM03.2	Heptachlor epoxide	NA-TRND-SO29-02	ug/kg	0.25	ND	630	630	70	70	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO01-02	ug/kg	0.25	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO02-02	ug/kg	0.34	ND UJ	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO03-02	ug/kg	0.27	ND UJ	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO04-02	ug/kg	0.23	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO10-02	ug/kg	0.3	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO15-02	ug/kg	0.29	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO21-02	ug/kg	0.27	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO23-02	ug/kg	0.41	ND	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO25-02	ug/kg	0.42	ND UJ	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO27-02	ug/kg	0.3	ND UJ	10000000	1000000	390000	39000	NC	NC
OLM03.2	Methoxychlor	NA-TRND-SO29-02	ug/kg	0.25	ND UJ	10000000	1000000	390000	39000	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO01-02	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO02-02	ug/kg	0.34	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO03-02	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO04-02	ug/kg	0.23	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO10-02	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO15-02	ug/kg	0.29	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO21-02	ug/kg	0.27	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO23-02	ug/kg	0.41	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO25-02	ug/kg	0.42	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO27-02	ug/kg	0.3	ND	5200	5200	580	580	NC	NC
OLM03.2	Toxaphene	NA-TRND-SO29-02	ug/kg	0.25	ND	5200	5200	580	580	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO01-02	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO02-02	ug/kg	0.34	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO03-02	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO04-02	ug/kg	0.23	ND	910	910	100	100	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLM03.2	alpha-BHC	NA-TRND-SO10-02	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO15-02	ug/kg	0.29	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO21-02	ug/kg	0.27	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO23-02	ug/kg	0.41	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO25-02	ug/kg	0.42	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO27-02	ug/kg	0.3	ND	910	910	100	100	NC	NC
OLM03.2	alpha-BHC	NA-TRND-SO29-02	ug/kg	0.25	ND	910	910	100	100	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO01-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO02-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO03-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO04-02	ug/kg	0.23	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO10-02	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO15-02	ug/kg	0.29	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO21-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO23-02	ug/kg	0.41	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO25-02	ug/kg	0.42	ND	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO27-02	ug/kg	0.3	7.6	16000	16000	1800	1800	NC	NC
OLM03.2	alpha-Chlordane	NA-TRND-SO29-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO01-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO02-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO03-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO04-02	ug/kg	0.23	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO10-02	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO15-02	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO21-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO23-02	ug/kg	0.41	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO25-02	ug/kg	0.42	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO27-02	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	beta-BHC	NA-TRND-SO29-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO01-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO02-02	ug/kg	0.34	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO03-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO04-02	ug/kg	0.23	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO10-02	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO15-02	ug/kg	0.29	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO21-02	ug/kg	0.27	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO23-02	ug/kg	0.41	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO25-02	ug/kg	0.42	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO27-02	ug/kg	0.3	ND	3200	3200	350	350	NC	NC
OLM03.2	delta-BHC	NA-TRND-SO29-02	ug/kg	0.25	ND	3200	3200	350	350	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO01-02	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO02-02	ug/kg	0.34	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO03-02	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO04-02	ug/kg	0.23	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO10-02	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO15-02	ug/kg	0.29	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO21-02	ug/kg	0.27	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO23-02	ug/kg	0.41	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO25-02	ug/kg	0.42	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO27-02	ug/kg	0.3	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-BHC(Lindane)	NA-TRND-SO29-02	ug/kg	0.25	ND	4400	4400	490	490	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO01-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO02-02	ug/kg	0.34	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO03-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO04-02	ug/kg	0.23	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO10-02	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO15-02	ug/kg	0.29	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO21-02	ug/kg	0.27	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO23-02	ug/kg	0.41	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO25-02	ug/kg	0.42	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO27-02	ug/kg	0.3	ND	16000	16000	1800	1800	NC	NC
OLM03.2	gamma-Chlordane	NA-TRND-SO29-02	ug/kg	0.25	ND	16000	16000	1800	1800	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO04-02	ug/kg	46	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO10-02	ug/kg	60	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO15-02	ug/kg	58	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO21-02	ug/kg	55	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO23-02	ug/kg	81	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO25-02	ug/kg	83	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO27-02	ug/kg	60	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2,4-Trichlorobenzene	NA-TRND-SO29-02	ug/kg	51	ND	20000000	2000000	780000	78000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO04-02	ug/kg	46	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO10-02	ug/kg	60	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO15-02	ug/kg	58	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO21-02	ug/kg	55	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO23-02	ug/kg	81	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO25-02	ug/kg	83	ND	180000000	18000000	7000000	700000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO27-02	ug/kg	60	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,2-Dichlorobenzene	NA-TRND-SO29-02	ug/kg	51	ND	180000000	18000000	7000000	700000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO04-02	ug/kg	46	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO10-02	ug/kg	60	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO15-02	ug/kg	58	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO21-02	ug/kg	55	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO23-02	ug/kg	81	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO25-02	ug/kg	83	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO27-02	ug/kg	60	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,3-Dichlorobenzene	NA-TRND-SO29-02	ug/kg	51	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO04-02	ug/kg	46	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO10-02	ug/kg	60	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO15-02	ug/kg	58	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO21-02	ug/kg	55	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO23-02	ug/kg	81	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO25-02	ug/kg	83	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO27-02	ug/kg	60	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	1,4-Dichlorobenzene	NA-TRND-SO29-02	ug/kg	51	ND	240000	240000	27000	27000	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO01-02	ug/kg	49	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO02-02	ug/kg	67	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO03-02	ug/kg	54	ND UJ	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO04-02	ug/kg	46	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO10-02	ug/kg	60	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO15-02	ug/kg	58	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO21-02	ug/kg	55	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO23-02	ug/kg	81	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO25-02	ug/kg	83	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO27-02	ug/kg	60	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,2'-oxybis(1-chloropropane)	NA-TRND-SO29-02	ug/kg	51	ND	82000	82000	9100	9100	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO04-02	ug/kg	46	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO10-02	ug/kg	60	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO15-02	ug/kg	58	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO21-02	ug/kg	55	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO23-02	ug/kg	81	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO25-02	ug/kg	83	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO27-02	ug/kg	60	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,5-Trichlorophenol	NA-TRND-SO29-02	ug/kg	51	ND	200000000	20000000	7800000	780000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO04-02	ug/kg	46	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO10-02	ug/kg	60	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO15-02	ug/kg	58	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO21-02	ug/kg	55	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO23-02	ug/kg	81	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO25-02	ug/kg	83	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO27-02	ug/kg	60	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4,6-Trichlorophenol	NA-TRND-SO29-02	ug/kg	51	ND	520000	520000	58000	58000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO04-02	ug/kg	46	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO10-02	ug/kg	60	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO15-02	ug/kg	58	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO21-02	ug/kg	55	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO23-02	ug/kg	81	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO25-02	ug/kg	83	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO27-02	ug/kg	60	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dichlorophenol	NA-TRND-SO29-02	ug/kg	51	ND	6100000	610000	230000	23000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO04-02	ug/kg	46	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO10-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO15-02	ug/kg	58	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO21-02	ug/kg	55	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO23-02	ug/kg	81	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO25-02	ug/kg	83	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO27-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dimethylphenol	NA-TRND-SO29-02	ug/kg	51	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	4100000	410000	160000	16000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO04-02	ug/kg	46	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO10-02	ug/kg	60	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO15-02	ug/kg	58	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO21-02	ug/kg	55	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO23-02	ug/kg	81	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO25-02	ug/kg	83	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO27-02	ug/kg	60	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrophenol	NA-TRND-SO29-02	ug/kg	51	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO01-02	ug/kg	49	ND UJ	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO02-02	ug/kg	67	ND UJ	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO03-02	ug/kg	54	ND UJ	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO04-02	ug/kg	46	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO10-02	ug/kg	60	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO15-02	ug/kg	58	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO21-02	ug/kg	55	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO23-02	ug/kg	81	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO25-02	ug/kg	83	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO27-02	ug/kg	60	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,4-Dinitrotoluene	NA-TRND-SO29-02	ug/kg	51	ND	4100000	410000	160000	16000	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO01-02	ug/kg	49	ND UJ	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO02-02	ug/kg	67	ND UJ	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO03-02	ug/kg	54	ND UJ	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO04-02	ug/kg	46	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO10-02	ug/kg	60	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO15-02	ug/kg	58	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO21-02	ug/kg	55	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO23-02	ug/kg	81	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO25-02	ug/kg	83	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO27-02	ug/kg	60	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2,6-Dinitrotoluene	NA-TRND-SO29-02	ug/kg	51	ND	2000000	200000	78000	7800	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO01-02	ug/kg	49	ND UJ	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO02-02	ug/kg	67	ND UJ	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO03-02	ug/kg	54	ND UJ	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO04-02	ug/kg	46	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO10-02	ug/kg	60	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO15-02	ug/kg	58	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO21-02	ug/kg	55	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO23-02	ug/kg	81	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO25-02	ug/kg	83	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO27-02	ug/kg	60	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chloronaphthalene	NA-TRND-SO29-02	ug/kg	51	ND	160000000	16000000	6300000	630000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO04-02	ug/kg	46	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO10-02	ug/kg	60	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO15-02	ug/kg	58	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO21-02	ug/kg	55	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO23-02	ug/kg	81	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO25-02	ug/kg	83	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO27-02	ug/kg	60	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Chlorophenol	NA-TRND-SO29-02	ug/kg	51	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO01-02	ug/kg	49	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO02-02	ug/kg	67	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO03-02	ug/kg	54	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO04-02	ug/kg	46	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO10-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO15-02	ug/kg	58	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO21-02	ug/kg	55	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO23-02	ug/kg	81	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO25-02	ug/kg	83	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO27-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Methylnaphthalene	NA-TRND-SO29-02	ug/kg	51	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO04-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO10-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO15-02	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO21-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO23-02	ug/kg	81	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO25-02	ug/kg	83	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO27-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitroaniline	NA-TRND-SO29-02	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO04-02	ug/kg	46	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO10-02	ug/kg	60	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO15-02	ug/kg	58	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO21-02	ug/kg	55	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	2-Nitrophenol	NA-TRND-SO23-02	ug/kg	81	ND	16000000	1600000	630000	63000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLM03.2	2-Nitrophenol	NA-TRND-SO25-02	ug/kg	83	ND	16000000	1600000	630000	63000	NC	NC
OLM03.2	2-Nitrophenol	NA-TRND-SO27-02	ug/kg	60	ND	16000000	1600000	630000	63000	NC	NC
OLM03.2	2-Nitrophenol	NA-TRND-SO29-02	ug/kg	51	ND	16000000	1600000	630000	63000	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO01-02	ug/kg	49	ND UJ	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO02-02	ug/kg	67	ND UJ	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO03-02	ug/kg	54	ND UJ	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO04-02	ug/kg	46	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO10-02	ug/kg	60	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO15-02	ug/kg	58	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO21-02	ug/kg	55	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO23-02	ug/kg	81	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO25-02	ug/kg	83	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO27-02	ug/kg	60	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3,3'-Dichlorobenzidine	NA-TRND-SO29-02	ug/kg	51	ND	13000	13000	1400	1400	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO04-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO10-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO15-02	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO21-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO23-02	ug/kg	81	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO25-02	ug/kg	83	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO27-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLM03.2	3-Nitroaniline	NA-TRND-SO29-02	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO04-02	ug/kg	46	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO10-02	ug/kg	60	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO15-02	ug/kg	58	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO21-02	ug/kg	55	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO23-02	ug/kg	81	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO25-02	ug/kg	83	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO27-02	ug/kg	60	ND	200000	20000	7800	780	NC	NC
OLM03.2	4,6-Dinitro-2-methylphenol	NA-TRND-SO29-02	ug/kg	51	ND	200000	20000	7800	780	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO04-02	ug/kg	46	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO10-02	ug/kg	60	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO15-02	ug/kg	58	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO21-02	ug/kg	55	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO23-02	ug/kg	81	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO25-02	ug/kg	83	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO27-02	ug/kg	60	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Bromophenyl-phenylether	NA-TRND-SO29-02	ug/kg	51	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO04-02	ug/kg	46	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO10-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO15-02	ug/kg	58	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO21-02	ug/kg	55	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO23-02	ug/kg	81	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO25-02	ug/kg	83	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO27-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloro-3-methylphenol	NA-TRND-SO29-02	ug/kg	51	ND	41000000	4100000	1600000	160000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO01-02	ug/kg	49	ND UJ	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO02-02	ug/kg	67	ND UJ	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO03-02	ug/kg	54	ND UJ	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO04-02	ug/kg	46	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO10-02	ug/kg	60	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO15-02	ug/kg	58	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO21-02	ug/kg	55	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO23-02	ug/kg	81	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO25-02	ug/kg	83	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO27-02	ug/kg	60	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chloroaniline	NA-TRND-SO29-02	ug/kg	51	ND	8200000	820000	310000	31000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO04-02	ug/kg	46	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO10-02	ug/kg	60	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO15-02	ug/kg	58	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO21-02	ug/kg	55	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO23-02	ug/kg	81	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO25-02	ug/kg	83	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO27-02	ug/kg	60	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Chlorophenyl-phenylether	NA-TRND-SO29-02	ug/kg	51	ND	120000000	12000000	4500000	450000	NC	NC
OLM03.2	4-Nitroanaline	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000	12000	4700	470	NC	NC
OLM03.2	4-Nitroanaline	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000	12000	4700	470	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	4-Nitroanaline	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO04-02	ug/kg	46	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO10-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO15-02	ug/kg	58	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO21-02	ug/kg	55	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO23-02	ug/kg	81	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO25-02	ug/kg	83	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO27-02	ug/kg	60	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitroanaline	NA-TRND-SO29-02	ug/kg	51	ND	120000	12000	4700	470	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO04-02	ug/kg	46	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO10-02	ug/kg	60	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO15-02	ug/kg	58	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO21-02	ug/kg	55	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO23-02	ug/kg	81	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO25-02	ug/kg	83	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO27-02	ug/kg	60	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	4-Nitrophenol	NA-TRND-SO29-02	ug/kg	51	ND	16000000	1600000	630000	63000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO04-02	ug/kg	46	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO10-02	ug/kg	60	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO15-02	ug/kg	58	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO21-02	ug/kg	55	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO23-02	ug/kg	81	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO25-02	ug/kg	83	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO27-02	ug/kg	60	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthene	NA-TRND-SO29-02	ug/kg	51	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO01-02	ug/kg	49	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO02-02	ug/kg	67	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO03-02	ug/kg	54	ND UJ	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO04-02	ug/kg	46	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO10-02	ug/kg	60	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO15-02	ug/kg	58	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO21-02	ug/kg	55	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO23-02	ug/kg	81	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO25-02	ug/kg	83	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO27-02	ug/kg	60	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Acenaphthylene	NA-TRND-SO29-02	ug/kg	51	ND	120000000	12000000	4700000	470000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO01-02	ug/kg	49	ND UJ	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO02-02	ug/kg	67	ND UJ	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO03-02	ug/kg	54	ND UJ	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO04-02	ug/kg	46	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO10-02	ug/kg	60	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO15-02	ug/kg	58	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO21-02	ug/kg	55	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO23-02	ug/kg	81	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO25-02	ug/kg	83	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO27-02	ug/kg	60	74	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Anthracene	NA-TRND-SO29-02	ug/kg	51	ND	610000000	61000000	23000000	2300000	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO01-02	ug/kg	49	140 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO02-02	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO03-02	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO04-02	ug/kg	46	110	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO10-02	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO15-02	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO21-02	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO23-02	ug/kg	81	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO25-02	ug/kg	83	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO27-02	ug/kg	60	550	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)anthracene	NA-TRND-SO29-02	ug/kg	51	63	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO01-02	ug/kg	13	180 J	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO02-02	ug/kg	18	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO03-02	ug/kg	14	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO04-02	ug/kg	46	160	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO10-02	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO15-02	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO21-02	ug/kg	55	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO23-02	ug/kg	81	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO25-02	ug/kg	83	ND	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO27-02	ug/kg	60	420	780	780	87	87	NC	NC
OLMO3.2	Benzo(a)pyrene	NA-TRND-SO29-02	ug/kg	51	66	780	780	87	87	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO01-02	ug/kg	49	210 J	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO02-02	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO03-02	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO04-02	ug/kg	46	220	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO10-02	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO15-02	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO21-02	ug/kg	55	ND	7800	7800	870	870	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO23-02	ug/kg	81	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO25-02	ug/kg	83	ND	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO27-02	ug/kg	60	800	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(b)fluoranthene	NA-TRND-SO29-02	ug/kg	51	69	7800	7800	870	870	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO01-02	ug/kg	49	170 J	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO02-02	ug/kg	67	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO03-02	ug/kg	54	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO04-02	ug/kg	46	120	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO10-02	ug/kg	60	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO15-02	ug/kg	58	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO21-02	ug/kg	55	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO23-02	ug/kg	81	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO25-02	ug/kg	83	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO27-02	ug/kg	60	310	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(g,h,i)perylene	NA-TRND-SO29-02	ug/kg	51	51	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO01-02	ug/kg	49	69 J	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO02-02	ug/kg	67	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO03-02	ug/kg	54	ND UJ	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO04-02	ug/kg	46	67	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO10-02	ug/kg	60	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO15-02	ug/kg	58	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO21-02	ug/kg	55	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO23-02	ug/kg	81	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO25-02	ug/kg	83	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO27-02	ug/kg	60	210	78000	78000	8700	8700	NC	NC
OLMO3.2	Benzo(k)fluoranthene	NA-TRND-SO29-02	ug/kg	51	ND	78000	78000	8700	8700	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO01-02	ug/kg	49	ND UJ	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO02-02	ug/kg	67	ND UJ	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO03-02	ug/kg	54	ND UJ	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO04-02	ug/kg	46	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO10-02	ug/kg	60	71	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO15-02	ug/kg	58	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO21-02	ug/kg	55	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO23-02	ug/kg	81	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO25-02	ug/kg	83	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO27-02	ug/kg	60	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Butylbenzylphthalate	NA-TRND-SO29-02	ug/kg	51	ND	410000000	41000000	16000000	1600000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO01-02	ug/kg	49	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO02-02	ug/kg	67	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO03-02	ug/kg	54	ND UJ	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO04-02	ug/kg	46	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO10-02	ug/kg	60	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO15-02	ug/kg	58	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO21-02	ug/kg	55	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO23-02	ug/kg	81	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO25-02	ug/kg	83	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO27-02	ug/kg	60	74	290000	290000	32000	32000	NC	NC
OLMO3.2	Carbazole	NA-TRND-SO29-02	ug/kg	51	ND	290000	290000	32000	32000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO01-02	ug/kg	49	150 J	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO02-02	ug/kg	67	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO03-02	ug/kg	54	ND UJ	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO04-02	ug/kg	46	110	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO10-02	ug/kg	60	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO15-02	ug/kg	58	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO21-02	ug/kg	55	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO23-02	ug/kg	81	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO25-02	ug/kg	83	ND	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO27-02	ug/kg	60	560	780000	780000	87000	87000	NC	NC
OLMO3.2	Chrysene	NA-TRND-SO29-02	ug/kg	51	59	780000	780000	87000	87000	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO01-02	ug/kg	49	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO02-02	ug/kg	67	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO03-02	ug/kg	54	ND UJ	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO04-02	ug/kg	46	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO10-02	ug/kg	60	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO15-02	ug/kg	58	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO21-02	ug/kg	55	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO23-02	ug/kg	81	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO25-02	ug/kg	83	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO27-02	ug/kg	60	96	780	780	87	87	NC	NC
OLMO3.2	Dibenz(a,h)anthracene	NA-TRND-SO29-02	ug/kg	51	ND	780	780	87	87	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO01-02	ug/kg	49	ND UJ	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO02-02	ug/kg	67	ND UJ	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO03-02	ug/kg	54	ND UJ	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO04-02	ug/kg	46	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO10-02	ug/kg	60	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO15-02	ug/kg	58	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO21-02	ug/kg	55	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO23-02	ug/kg	81	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO25-02	ug/kg	83	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO27-02	ug/kg	60	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Dibenzofuran	NA-TRND-SO29-02	ug/kg	51	ND	8200000	820000	310000	31000	NC	NC
OLMO3.2	Diethylphthalate	NA-TRND-SO01-02	ug/kg	49	ND UJ	1600000000	160000000	63000000	6300000	58	NS

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Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	Diethylphthalate	NA-TRND-SO02-02	ug/kg	67	160 J	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO03-02	ug/kg	54	ND UJ	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO04-02	ug/kg	46	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO10-02	ug/kg	60	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO15-02	ug/kg	58	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO21-02	ug/kg	55	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO23-02	ug/kg	81	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO25-02	ug/kg	83	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO27-02	ug/kg	60	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Diethylphthalate	NA-TRND-SO29-02	ug/kg	51	ND	1600000000	160000000	63000000	6300000	58	NS
OLMO3.2	Dimethylphthalate	NA-TRND-SO01-02	ug/kg	49	ND UJ	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO02-02	ug/kg	67	ND UJ	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO03-02	ug/kg	54	ND UJ	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO04-02	ug/kg	46	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO10-02	ug/kg	60	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO15-02	ug/kg	58	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO21-02	ug/kg	55	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO23-02	ug/kg	81	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO25-02	ug/kg	83	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO27-02	ug/kg	60	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Dimethylphthalate	NA-TRND-SO29-02	ug/kg	51	ND	20000000000	2000000000	780000000	78000000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO01-02	ug/kg	49	150 J	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO02-02	ug/kg	67	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO03-02	ug/kg	54	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO04-02	ug/kg	46	64	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO10-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO15-02	ug/kg	58	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO21-02	ug/kg	55	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO23-02	ug/kg	81	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO25-02	ug/kg	83	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO27-02	ug/kg	60	890	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluoranthene	NA-TRND-SO29-02	ug/kg	51	130	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO01-02	ug/kg	49	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO02-02	ug/kg	67	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO03-02	ug/kg	54	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO04-02	ug/kg	46	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO10-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO15-02	ug/kg	58	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO21-02	ug/kg	55	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO23-02	ug/kg	81	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO25-02	ug/kg	83	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO27-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Fluorene	NA-TRND-SO29-02	ug/kg	51	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO01-02	ug/kg	49	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO02-02	ug/kg	67	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO03-02	ug/kg	54	ND UJ	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO04-02	ug/kg	46	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO10-02	ug/kg	60	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO15-02	ug/kg	58	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO21-02	ug/kg	55	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO23-02	ug/kg	81	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO25-02	ug/kg	83	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO27-02	ug/kg	60	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachloro-1,3-butadiene	NA-TRND-SO29-02	ug/kg	51	ND	73000	73000	8200	8200	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO04-02	ug/kg	46	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO10-02	ug/kg	60	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO15-02	ug/kg	58	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO21-02	ug/kg	55	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO23-02	ug/kg	81	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO25-02	ug/kg	83	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO27-02	ug/kg	60	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorobenzene	NA-TRND-SO29-02	ug/kg	51	ND	3600	3600	400	400	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO01-02	ug/kg	49	ND UJ	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO02-02	ug/kg	67	ND UJ	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO03-02	ug/kg	54	ND UJ	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO04-02	ug/kg	46	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO10-02	ug/kg	60	ND UJ	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO15-02	ug/kg	58	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO21-02	ug/kg	55	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO23-02	ug/kg	81	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO25-02	ug/kg	83	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO27-02	ug/kg	60	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachlorocyclopentadiene	NA-TRND-SO29-02	ug/kg	51	ND	14000000	1400000	550000	55000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO01-02	ug/kg	49	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO02-02	ug/kg	67	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO03-02	ug/kg	54	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO04-02	ug/kg	46	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO10-02	ug/kg	60	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO15-02	ug/kg	58	ND	410000	410000	46000	46000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	Hexachloroethane	NA-TRND-SO21-02	ug/kg	55	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO23-02	ug/kg	81	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO25-02	ug/kg	83	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO27-02	ug/kg	60	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Hexachloroethane	NA-TRND-SO29-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO01-02	ug/kg	49	120 J	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO02-02	ug/kg	67	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO03-02	ug/kg	54	ND UJ	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO04-02	ug/kg	46	120	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO10-02	ug/kg	60	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO15-02	ug/kg	58	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO21-02	ug/kg	55	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO23-02	ug/kg	81	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO25-02	ug/kg	83	ND	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO27-02	ug/kg	60	280	7800	7800	870	870	NC	NC
OLMO3.2	Indeno(1,2,3-cd)pyrene	NA-TRND-SO29-02	ug/kg	51	ND	7800	7800	870	870	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO01-02	ug/kg	49	ND UJ	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO02-02	ug/kg	67	ND UJ	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO03-02	ug/kg	54	ND UJ	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO04-02	ug/kg	46	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO10-02	ug/kg	60	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO15-02	ug/kg	58	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO21-02	ug/kg	55	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO23-02	ug/kg	81	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO25-02	ug/kg	83	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO27-02	ug/kg	60	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	Isophorone	NA-TRND-SO29-02	ug/kg	51	ND	6000000	6000000	670000	670000	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO01-02	ug/kg	49	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO02-02	ug/kg	67	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO03-02	ug/kg	54	ND UJ	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO04-02	ug/kg	46	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO10-02	ug/kg	60	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO15-02	ug/kg	58	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO21-02	ug/kg	55	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO23-02	ug/kg	81	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO25-02	ug/kg	83	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO27-02	ug/kg	60	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitroso-di-n-propylamine	NA-TRND-SO29-02	ug/kg	51	ND	820	820	91	91	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO01-02	ug/kg	49	ND UJ	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO02-02	ug/kg	67	ND UJ	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO03-02	ug/kg	54	ND UJ	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO04-02	ug/kg	46	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO10-02	ug/kg	60	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO15-02	ug/kg	58	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO21-02	ug/kg	55	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO23-02	ug/kg	81	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO25-02	ug/kg	83	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO27-02	ug/kg	60	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	N-Nitrosodiphenylamine	NA-TRND-SO29-02	ug/kg	51	ND	1200000	1200000	130000	130000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO01-02	ug/kg	49	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO02-02	ug/kg	67	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO03-02	ug/kg	54	ND UJ	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO04-02	ug/kg	46	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO10-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO15-02	ug/kg	58	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO21-02	ug/kg	55	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO23-02	ug/kg	81	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO25-02	ug/kg	83	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO27-02	ug/kg	60	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Naphthalene	NA-TRND-SO29-02	ug/kg	51	ND	82000000	8200000	3100000	310000	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO01-02	ug/kg	49	ND UJ	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO02-02	ug/kg	67	ND UJ	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO03-02	ug/kg	54	ND UJ	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO04-02	ug/kg	46	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO10-02	ug/kg	60	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO15-02	ug/kg	58	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO21-02	ug/kg	55	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO23-02	ug/kg	81	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO25-02	ug/kg	83	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO27-02	ug/kg	60	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Nitrobenzene	NA-TRND-SO29-02	ug/kg	51	ND	1000000	100000	39000	3900	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO04-02	ug/kg	46	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO10-02	ug/kg	60	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO15-02	ug/kg	58	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO21-02	ug/kg	55	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO23-02	ug/kg	81	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO25-02	ug/kg	83	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO27-02	ug/kg	60	ND	48000	48000	5300	5300	NC	NC
OLMO3.2	Pentachlorophenol	NA-TRND-SO29-02	ug/kg	51	ND	48000	48000	5300	5300	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	Phenanthrene	NA-TRND-SO01-02	ug/kg	49	58 J	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO02-02	ug/kg	67	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO03-02	ug/kg	54	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO04-02	ug/kg	46	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO10-02	ug/kg	60	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO15-02	ug/kg	58	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO21-02	ug/kg	55	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO23-02	ug/kg	81	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO25-02	ug/kg	83	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO27-02	ug/kg	60	310	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenanthrene	NA-TRND-SO29-02	ug/kg	51	60	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO01-02	ug/kg	49	ND UJ	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO02-02	ug/kg	67	ND UJ	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO03-02	ug/kg	54	ND UJ	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO04-02	ug/kg	46	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO10-02	ug/kg	60	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO15-02	ug/kg	58	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO21-02	ug/kg	55	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO23-02	ug/kg	81	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO25-02	ug/kg	83	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO27-02	ug/kg	60	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Phenol	NA-TRND-SO29-02	ug/kg	51	ND	1200000000	120000000	47000000	4700000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO01-02	ug/kg	49	180 J	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO02-02	ug/kg	67	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO03-02	ug/kg	54	ND UJ	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO04-02	ug/kg	46	71 J	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO10-02	ug/kg	60	61	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO15-02	ug/kg	58	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO21-02	ug/kg	55	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO23-02	ug/kg	81	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO25-02	ug/kg	83	ND	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO27-02	ug/kg	60	760	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	Pyrene	NA-TRND-SO29-02	ug/kg	51	120	61000000	6100000	2300000	230000	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO01-02	ug/kg	49	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO02-02	ug/kg	67	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO03-02	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO04-02	ug/kg	46	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO10-02	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO15-02	ug/kg	58	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO21-02	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO23-02	ug/kg	81	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO25-02	ug/kg	83	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO27-02	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethoxy)methane	NA-TRND-SO29-02	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO01-02	ug/kg	49	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO02-02	ug/kg	67	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO03-02	ug/kg	54	ND UJ	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO04-02	ug/kg	46	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO10-02	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO15-02	ug/kg	58	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO21-02	ug/kg	55	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO23-02	ug/kg	81	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO25-02	ug/kg	83	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO27-02	ug/kg	60	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Chloroethyl)ether	NA-TRND-SO29-02	ug/kg	51	ND	5200	5200	580	580	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO01-02	ug/kg	49	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO02-02	ug/kg	67	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO03-02	ug/kg	54	ND UJ	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO04-02	ug/kg	46	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO10-02	ug/kg	60	300 J	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO15-02	ug/kg	58	88	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO21-02	ug/kg	55	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO23-02	ug/kg	81	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO25-02	ug/kg	83	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO27-02	ug/kg	60	120	410000	410000	46000	46000	NC	NC
OLMO3.2	bis(2-Ethylhexyl)phthalate	NA-TRND-SO29-02	ug/kg	51	ND	410000	410000	46000	46000	NC	NC
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO01-02	ug/kg	49	160 J	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO02-02	ug/kg	67	ND UJ	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO03-02	ug/kg	54	68 J	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO04-02	ug/kg	46	ND	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO10-02	ug/kg	60	250	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO15-02	ug/kg	58	640	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO21-02	ug/kg	55	620	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO23-02	ug/kg	81	ND	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO25-02	ug/kg	83	92	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO27-02	ug/kg	60	160	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Butylphthalate	NA-TRND-SO29-02	ug/kg	51	ND	200000000	20000000	7800000	780000	77	NS
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO01-02	ug/kg	49	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO02-02	ug/kg	67	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO03-02	ug/kg	54	ND UJ	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO04-02	ug/kg	46	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO10-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO15-02	ug/kg	58	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO21-02	ug/kg	55	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO23-02	ug/kg	81	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO25-02	ug/kg	83	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO27-02	ug/kg	60	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	di-n-Octylphthalate	NA-TRND-SO29-02	ug/kg	51	ND	41000000	4100000	1600000	160000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO01-02	ug/kg	49	ND UJ	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO02-02	ug/kg	67	ND UJ	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO03-02	ug/kg	54	ND UJ	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO04-02	ug/kg	46	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO10-02	ug/kg	60	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO15-02	ug/kg	58	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO21-02	ug/kg	55	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO23-02	ug/kg	81	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO25-02	ug/kg	83	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO27-02	ug/kg	60	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	o-Cresol	NA-TRND-SO29-02	ug/kg	51	ND	100000000	10000000	3900000	390000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO01-02	ug/kg	49	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO02-02	ug/kg	67	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO03-02	ug/kg	54	ND UJ	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO04-02	ug/kg	46	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO10-02	ug/kg	60	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO15-02	ug/kg	58	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO21-02	ug/kg	55	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO23-02	ug/kg	81	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO25-02	ug/kg	83	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO27-02	ug/kg	60	ND	10000000	1000000	390000	39000	NC	NC
OLMO3.2	p-Cresol	NA-TRND-SO29-02	ug/kg	51	ND	10000000	1000000	390000	39000	NC	NC
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO01-02	ng/kg	0.3	95.3	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO02-02	ng/kg	0.3	253	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO03-02	ng/kg	0.5	799	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO04-02	ng/kg	0.9	5800 J	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO10-02	ng/kg	0.6	1320	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO15-02	ng/kg	0.6	158	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO21-02	ng/kg	2.3	464	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO23-02	ng/kg	1	29.1	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO25-02	ng/kg	1.2	8.5 J	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO27-02	ng/kg	5.2	3640	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDD	NA-TRND-SO29-02	ng/kg	2.2	42.4	38000	38000	4300	4300	39.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO01-02	ng/kg	0.2	8.1 BJ	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO02-02	ng/kg	0.3	27.5	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO03-02	ng/kg	0.4	70.4	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO04-02	ng/kg	0.8	334	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO10-02	ng/kg	0.5	271	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO15-02	ng/kg	0.4	11.5	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO21-02	ng/kg	1.9	64.2	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO23-02	ng/kg	0.8	3.4 J	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO25-02	ng/kg	1	2.5 J	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO27-02	ng/kg	4.4	77.3	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8,9-OCDF	NA-TRND-SO29-02	ng/kg	1.8	5.6 J	38000	38000	4300	4300	4.6	NS
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO01-02	ng/kg	0.2	8.3	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO02-02	ng/kg	0.3	33.5	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO03-02	ng/kg	0.3	92.9	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO04-02	ng/kg	0.7	997	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO10-02	ng/kg	0.4	228	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO15-02	ng/kg	0.4	16.5	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO21-02	ng/kg	1.4	54.5	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO23-02	ng/kg	0.6	5.9	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO25-02	ng/kg	0.7	2.2 J	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO27-02	ng/kg	2.6	144	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDD	NA-TRND-SO29-02	ng/kg	1.6	6.9	3800	3800	430	430	6	S
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO01-02	ng/kg	0.2	6.9 B	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO02-02	ng/kg	0.2	26.6	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO03-02	ng/kg	0.2	42	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO04-02	ng/kg	0.4	291	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO10-02	ng/kg	0.3	207	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO15-02	ng/kg	0.3	9.9	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO21-02	ng/kg	0.9	49	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO23-02	ng/kg	0.5	4.4 J	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO25-02	ng/kg	0.5	2 J	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO27-02	ng/kg	1.6	45.3	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,6,7,8-HpCDF	NA-TRND-SO29-02	ng/kg	1	6.2	3800	3800	430	430	5.1	NS
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO01-02	ng/kg	0.2	1.8 BJ	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO02-02	ng/kg	0.3	4.4 J	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO03-02	ng/kg	0.2	5.2	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO04-02	ng/kg	0.6	21.4	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO10-02	ng/kg	0.4	48.2	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO15-02	ng/kg	0.4	0.9 J	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO21-02	ng/kg	1.2	1.8 J	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO23-02	ng/kg	0.6	0.63 J	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO25-02	ng/kg	0.7	ND	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO27-02	ng/kg	2.1	4.1 J	3800	3800	430	430	1	S

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
SW8290	1,2,3,4,7,8,9-HpCDF	NA-TRND-SO29-02	ng/kg	1.3	ND J	3800	3800	430	430	1	S
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO01-02	ng/kg	0.3	0.5 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO02-02	ng/kg	0.3	1.3 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO03-02	ng/kg	0.2	2 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO04-02	ng/kg	0.5	21.3 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO10-02	ng/kg	0.3	10.1 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO15-02	ng/kg	0.4	0.64 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO21-02	ng/kg	1.2	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO23-02	ng/kg	0.6	ND J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO25-02	ng/kg	0.6	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO27-02	ng/kg	1.8	2.8 J	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDD	NA-TRND-SO29-02	ng/kg	1.7	ND	380	380	43	43	NC	NC
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO01-02	ng/kg	0.2	3.9 BJ	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO02-02	ng/kg	0.2	9 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO03-02	ng/kg	0.2	13.2	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO04-02	ng/kg	0.3	75.1 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO10-02	ng/kg	0.2	91.9 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO15-02	ng/kg	0.2	4.4 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO21-02	ng/kg	0.7	4 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO23-02	ng/kg	0.4	1.9 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO25-02	ng/kg	0.4	0.89 J	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO27-02	ng/kg	1	6.5	380	380	43	43	2.1	NS
SW8290	1,2,3,4,7,8-HxCDF	NA-TRND-SO29-02	ng/kg	1	3.3 J	380	380	43	43	2.1	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO01-02	ng/kg	0.2	0.94 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO02-02	ng/kg	0.3	3.1 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO03-02	ng/kg	0.2	4.7 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO04-02	ng/kg	0.5	65.5	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO10-02	ng/kg	0.3	21.2	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO15-02	ng/kg	0.3	1.9 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO21-02	ng/kg	1	3.1 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO23-02	ng/kg	0.5	2.7 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO25-02	ng/kg	0.5	1.4 J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO27-02	ng/kg	1.5	9.5	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDD	NA-TRND-SO29-02	ng/kg	1.3	ND J	380	380	43	43	1.5	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO01-02	ng/kg	0.2	1.2 BJ	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO02-02	ng/kg	0.2	3.5 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO03-02	ng/kg	0.1	5 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO04-02	ng/kg	0.3	29.7	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO10-02	ng/kg	0.2	34.5	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO15-02	ng/kg	0.2	1.8 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO21-02	ng/kg	0.6	2.1 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO23-02	ng/kg	0.3	0.9 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO25-02	ng/kg	0.4	0.53 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO27-02	ng/kg	0.9	3.2 J	380	380	43	43	1.1	NS
SW8290	1,2,3,6,7,8-HxCDF	NA-TRND-SO29-02	ng/kg	0.8	1.2 J	380	380	43	43	1.1	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO01-02	ng/kg	0.2	3.2 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO02-02	ng/kg	0.3	9.4	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO03-02	ng/kg	0.2	7.9	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO04-02	ng/kg	0.5	78.4 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO10-02	ng/kg	0.3	28.1 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO15-02	ng/kg	0.3	4.8 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO21-02	ng/kg	1	5.2 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO23-02	ng/kg	0.6	16.2	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO25-02	ng/kg	0.6	8.9	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO27-02	ng/kg	1.6	17.2	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDD	NA-TRND-SO29-02	ng/kg	1.4	4.5 J	380	380	43	43	5.3	NS
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO01-02	ng/kg	0.2	0.5 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO02-02	ng/kg	0.3	0.9 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO03-02	ng/kg	0.2	1.1 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO04-02	ng/kg	0.4	3.4 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO10-02	ng/kg	0.2	7.3 J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO15-02	ng/kg	0.3	ND J	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO21-02	ng/kg	0.8	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO23-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO25-02	ng/kg	0.5	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO27-02	ng/kg	1.2	6.9	380	380	43	43	NC	NC
SW8290	1,2,3,7,8,9-HxCDF	NA-TRND-SO29-02	ng/kg	1.2	ND	380	380	43	43	NC	NC
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO01-02	ng/kg	0.2	0.72 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO02-02	ng/kg	0.2	1.9 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO03-02	ng/kg	0.1	1.8 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO04-02	ng/kg	0.4	19.1	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO10-02	ng/kg	0.2	7.7	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO15-02	ng/kg	0.3	1.2 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO21-02	ng/kg	0.7	1.2 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO23-02	ng/kg	0.4	2.3 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO25-02	ng/kg	0.5	1.6 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO27-02	ng/kg	1.5	4.3 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDD	NA-TRND-SO29-02	ng/kg	1.1	1.3 J	76	76	8.6	8.6	1.6	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO01-02	ng/kg	0.2	1.5 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO02-02	ng/kg	0.2	1.6 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO03-02	ng/kg	0.1	2.6 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO04-02	ng/kg	0.3	21.2	760	760	86	86	0.8	NS

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO10-02	ng/kg	0.2	26.9	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO15-02	ng/kg	0.2	1.4 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO21-02	ng/kg	0.5	1 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO23-02	ng/kg	0.3	ND	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO25-02	ng/kg	0.4	ND	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO27-02	ng/kg	0.8	3.9 J	760	760	86	86	0.8	NS
SW8290	1,2,3,7,8-PeCDF	NA-TRND-SO29-02	ng/kg	0.8	0.95 J	760	760	86	86	0.8	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO01-02	ng/kg	0.2	2.4 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO02-02	ng/kg	0.3	8.9	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO03-02	ng/kg	0.2	9.6	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO04-02	ng/kg	0.4	48	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO10-02	ng/kg	0.2	56.7	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO15-02	ng/kg	0.3	2.5 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO21-02	ng/kg	0.7	3.2 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO23-02	ng/kg	0.4	2 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO25-02	ng/kg	0.4	0.97 J	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO27-02	ng/kg	1.1	10.3	380	380	43	43	2.2	NS
SW8290	2,3,4,6,7,8-HxCDF	NA-TRND-SO29-02	ng/kg	1	2 J	380	380	43	43	2.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO01-02	ng/kg	0.2	1.4 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO02-02	ng/kg	0.2	2.6 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO03-02	ng/kg	0.1	4 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO04-02	ng/kg	0.3	36.4	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO10-02	ng/kg	0.2	27.4	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO15-02	ng/kg	0.2	2.2 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO21-02	ng/kg	0.5	1.5 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO23-02	ng/kg	0.3	0.72 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO25-02	ng/kg	0.4	ND	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO27-02	ng/kg	0.9	3.8 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,4,7,8-PeCDF	NA-TRND-SO29-02	ng/kg	0.8	1.4 J	76	76	8.6	8.6	1.2	NS
SW8290	2,3,7,8-TCDD	NA-TRND-SO01-02	ng/kg	0.2	ND J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO02-02	ng/kg	0.2	0.34 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO03-02	ng/kg	0.1	0.36 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO04-02	ng/kg	0.3	4	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO10-02	ng/kg	0.2	1.4	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO15-02	ng/kg	0.2	0.2 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO21-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO23-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO25-02	ng/kg	0.3	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO27-02	ng/kg	0.6	0.95 J	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDD	NA-TRND-SO29-02	ng/kg	0.6	ND	38	38	4.3	4.3	NC	NC
SW8290	2,3,7,8-TCDF	NA-TRND-SO01-02	ng/kg	0.8	1 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO02-02	ng/kg	0.7	1.1	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO03-02	ng/kg	0.7	1.5	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO04-02	ng/kg	0.3	25.5	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO10-02	ng/kg	2.8	19.8	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO15-02	ng/kg	0.3	1.4	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO21-02	ng/kg	0.8	ND	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO23-02	ng/kg	0.2	0.84 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO25-02	ng/kg	0.2	0.56 J	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO27-02	ng/kg	0.7	2.6	380	380	43	43	0.99	NS
SW8290	2,3,7,8-TCDF	NA-TRND-SO29-02	ng/kg	0.4	1.1	380	380	43	43	0.99	NS
SW8290	Total HpCDD	NA-TRND-SO01-02	ng/kg	0.2	16.7	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO02-02	ng/kg	0.3	62.9	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO03-02	ng/kg	0.3	170	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO04-02	ng/kg	0.7	2050	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO10-02	ng/kg	0.4	431	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO15-02	ng/kg	0.4	34.4	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO21-02	ng/kg	1.4	103	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO23-02	ng/kg	0.6	12.1	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO25-02	ng/kg	0.7	3.9	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO27-02	ng/kg	2.6	277	.	.	.	.	13.1	S
SW8290	Total HpCDD	NA-TRND-SO29-02	ng/kg	1.6	14.4	.	.	.	.	13.1	S
SW8290	Total HpCDF	NA-TRND-SO01-02	ng/kg	0.2	12.7	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO02-02	ng/kg	0.2	56.2	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO03-02	ng/kg	0.2	95.5	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO04-02	ng/kg	0.5	696	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO10-02	ng/kg	0.3	378	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO15-02	ng/kg	0.4	16.9	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO21-02	ng/kg	1	96.8	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO23-02	ng/kg	0.5	7.9	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO25-02	ng/kg	0.6	2	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO27-02	ng/kg	1.8	94.2	.	.	.	.	10	NS
SW8290	Total HpCDF	NA-TRND-SO29-02	ng/kg	1.2	11.2	.	.	.	.	10	NS
SW8290	Total HxCDD	NA-TRND-SO01-02	ng/kg	0.2	16.1	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO02-02	ng/kg	0.3	42.4	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO03-02	ng/kg	0.2	54.4	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO04-02	ng/kg	0.5	697	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO10-02	ng/kg	0.3	276	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO15-02	ng/kg	0.3	25.9	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO21-02	ng/kg	1.1	31.7	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO23-02	ng/kg	0.6	48.5	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO25-02	ng/kg	0.6	20.1	.	.	.	.	19.1	S

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
SW8290	Total HxCDD	NA-TRND-SO27-02	ng/kg	1.7	102	.	.	.	.	19.1	S
SW8290	Total HxCDD	NA-TRND-SO29-02	ng/kg	1.4	20	.	.	.	.	19.1	S
SW8290	Total HxCDF	NA-TRND-SO01-02	ng/kg	0.2	15.4	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO02-02	ng/kg	0.2	54.8	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO03-02	ng/kg	0.2	75.1	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO04-02	ng/kg	0.3	488	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO10-02	ng/kg	0.2	382	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO15-02	ng/kg	0.3	20	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO21-02	ng/kg	0.7	48.9	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO23-02	ng/kg	0.4	8.8	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO25-02	ng/kg	0.4	3.6	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO27-02	ng/kg	1	55.5	.	.	.	.	11.5	NS
SW8290	Total HxCDF	NA-TRND-SO29-02	ng/kg	1	8.7	.	.	.	.	11.5	NS
SW8290	Total PeCDD	NA-TRND-SO01-02	ng/kg	0.2	5.9	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO02-02	ng/kg	0.2	12.2	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO03-02	ng/kg	0.1	23	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO04-02	ng/kg	0.4	253	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO10-02	ng/kg	0.2	90.7	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO15-02	ng/kg	0.3	5.6	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO21-02	ng/kg	0.7	1.2	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO23-02	ng/kg	0.4	5	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO25-02	ng/kg	0.5	3.1	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO27-02	ng/kg	1.5	14	.	.	.	.	4.9	NS
SW8290	Total PeCDD	NA-TRND-SO29-02	ng/kg	1.1	3.3	.	.	.	.	4.9	NS
SW8290	Total PeCDF	NA-TRND-SO01-02	ng/kg	0.2	14.8	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO02-02	ng/kg	0.2	30.9	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO03-02	ng/kg	0.1	50.2	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO04-02	ng/kg	0.3	461	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO10-02	ng/kg	0.2	313	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO15-02	ng/kg	0.2	24.7	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO21-02	ng/kg	0.5	19.8	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO23-02	ng/kg	0.3	3.3	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO25-02	ng/kg	0.4	0.44	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO27-02	ng/kg	0.9	58.6	.	.	.	.	12.1	NS
SW8290	Total PeCDF	NA-TRND-SO29-02	ng/kg	0.8	10.6	.	.	.	.	12.1	NS
SW8290	Total TCDD	NA-TRND-SO01-02	ng/kg	0.2	7.3	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO02-02	ng/kg	0.2	8.7	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO03-02	ng/kg	0.1	19.3	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO04-02	ng/kg	0.3	152	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO10-02	ng/kg	0.2	110	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO15-02	ng/kg	0.2	7.9	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO21-02	ng/kg	0.3	4	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO23-02	ng/kg	0.3	1	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO25-02	ng/kg	0.3	0.53	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO27-02	ng/kg	0.6	12.9	.	.	.	.	2.3	NS
SW8290	Total TCDD	NA-TRND-SO29-02	ng/kg	0.6	4.4	.	.	.	.	2.3	NS
SW8290	Total TCDF	NA-TRND-SO01-02	ng/kg	0.1	11.6	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO02-02	ng/kg	0.1	17	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO03-02	ng/kg	0.07	36.9	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO04-02	ng/kg	0.2	522	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO10-02	ng/kg	0.2	179	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO15-02	ng/kg	0.1	28.2	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO21-02	ng/kg	0.2	11.6	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO23-02	ng/kg	0.2	2	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO25-02	ng/kg	0.2	0.56	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO27-02	ng/kg	0.4	40.3	.	.	.	.	13.3	NS
SW8290	Total TCDF	NA-TRND-SO29-02	ng/kg	0.4	7	.	.	.	.	13.3	NS
ILM04.0	Cyanide	NA-TRND-SO01-02	mg/kg	0.34	0.53	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO02-02	mg/kg	0.44	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO03-02	mg/kg	0.34	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO04-02	mg/kg	0.33	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO10-02	mg/kg	0.4	0.52	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO15-02	mg/kg	0.37	0.51	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO21-02	mg/kg	0.41	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO23-02	mg/kg	0.58	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO25-02	mg/kg	0.62	0.86	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO27-02	mg/kg	0.38	ND	41000	4100	1600	160	0.39	NS
ILM04.0	Cyanide	NA-TRND-SO29-02	mg/kg	0.37	1.3	41000	4100	1600	160	0.39	NS
ILM04.0	Aluminum	NA-TRND-SO01-02	mg/kg	2.4	46500	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO02-02	mg/kg	3.2	81400	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO03-02	mg/kg	2.6	75900	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO04-02	mg/kg	2.2	41900	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO10-02	mg/kg	2.8	66200	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO15-02	mg/kg	2.7	72300	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO21-02	mg/kg	2.6	84200	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO23-02	mg/kg	3.9	116000	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO25-02	mg/kg	4	115000	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO27-02	mg/kg	2.8	89800	2000000	200000	78000	7800	57700	NS
ILM04.0	Aluminum	NA-TRND-SO29-02	mg/kg	2.3	51700	2000000	200000	78000	7800	57700	NS
ILM04.0	Antimony	NA-TRND-SO01-02	mg/kg	0.59	ND UL	820	82	31	3.1	1.5	NS
ILM04.0	Antimony	NA-TRND-SO02-02	mg/kg	0.8	1.5 J	820	82	31	3.1	1.5	NS
ILM04.0	Antimony	NA-TRND-SO03-02	mg/kg	0.64	ND UL	820	82	31	3.1	1.5	NS

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
ILMO4.0	Antimony	NA-TRND-SO04-02	mg/kg	0.55	22.5 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO10-02	mg/kg	0.7	3.2 J	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO15-02	mg/kg	0.68	ND UL	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO21-02	mg/kg	0.66	2.9 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO23-02	mg/kg	0.97	1.1 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO25-02	mg/kg	0.99	1.1 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO27-02	mg/kg	0.71	1.2 L	820	82	31	3.1	1.5	NS
ILMO4.0	Antimony	NA-TRND-SO29-02	mg/kg	0.59	ND UL	820	82	31	3.1	1.5	NS
ILMO4.0	Arsenic	NA-TRND-SO01-02	mg/kg	0.78	1.7	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO02-02	mg/kg	1.1	2.2	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO03-02	mg/kg	0.85	2.8	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO04-02	mg/kg	0.73	8.9	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO10-02	mg/kg	0.94	4.1	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO15-02	mg/kg	0.91	2.5	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO21-02	mg/kg	0.88	5.5	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO23-02	mg/kg	1.3	4.4	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO25-02	mg/kg	1.3	4.8	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO27-02	mg/kg	0.94	4.2	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Arsenic	NA-TRND-SO29-02	mg/kg	0.78	2.1	3.8	3.8	0.43	0.43	2.6	NS
ILMO4.0	Barium	NA-TRND-SO01-02	mg/kg	0.2	88	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO02-02	mg/kg	0.27	71.2	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO03-02	mg/kg	0.21	99.1	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO04-02	mg/kg	0.18	606	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO10-02	mg/kg	0.23	104	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO15-02	mg/kg	0.23	79.6	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO21-02	mg/kg	0.22	78.5	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO23-02	mg/kg	0.32	55	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO25-02	mg/kg	0.33	64.2	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO27-02	mg/kg	0.24	101	140000	14000	5500	550	72.3	NS
ILMO4.0	Barium	NA-TRND-SO29-02	mg/kg	0.2	78.1	140000	14000	5500	550	72.3	NS
ILMO4.0	Beryllium	NA-TRND-SO01-02	mg/kg	0.2	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO02-02	mg/kg	0.27	0.33	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO03-02	mg/kg	0.21	0.45	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO04-02	mg/kg	0.18	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO10-02	mg/kg	0.23	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO15-02	mg/kg	0.23	0.36	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO21-02	mg/kg	0.22	ND	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO23-02	mg/kg	0.32	0.92	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO25-02	mg/kg	0.33	0.71	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO27-02	mg/kg	0.24	0.6	4100	410	160	16	NC	NC
ILMO4.0	Beryllium	NA-TRND-SO29-02	mg/kg	0.2	0.28	4100	410	160	16	NC	NC
ILMO4.0	Cadmium	NA-TRND-SO01-02	mg/kg	0.2	0.35 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO02-02	mg/kg	0.27	0.63 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO03-02	mg/kg	0.21	0.89 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO04-02	mg/kg	0.18	10.4	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO10-02	mg/kg	0.23	1.4 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO15-02	mg/kg	0.23	0.68 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO21-02	mg/kg	0.22	1.5 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO23-02	mg/kg	0.32	1 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO25-02	mg/kg	0.33	0.99 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO27-02	mg/kg	0.24	1.2 K	1000	100	39	3.9	0.53	S
ILMO4.0	Cadmium	NA-TRND-SO29-02	mg/kg	0.2	0.67 K	1000	100	39	3.9	0.53	S
ILMO4.0	Calcium	NA-TRND-SO01-02	mg/kg	5.1	9450	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO02-02	mg/kg	6.9	9250	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO03-02	mg/kg	5.5	12600	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO04-02	mg/kg	4.7	13900	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO10-02	mg/kg	6.1	10200	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO15-02	mg/kg	5.9	8650	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO21-02	mg/kg	5.7	7260	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO23-02	mg/kg	8.4	3090	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO25-02	mg/kg	8.6	3410	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO27-02	mg/kg	6.1	9570	.	.	.	.	11600	NS
ILMO4.0	Calcium	NA-TRND-SO29-02	mg/kg	5.1	11200	.	.	.	.	11600	NS
ILMO4.0	Chromium	NA-TRND-SO01-02	mg/kg	0.2	20.6	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO02-02	mg/kg	0.27	36.4	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO03-02	mg/kg	0.21	41	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO04-02	mg/kg	0.18	57.7	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO10-02	mg/kg	0.23	42.6	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO15-02	mg/kg	0.23	39.5 J	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO21-02	mg/kg	0.22	55.3	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO23-02	mg/kg	0.32	76.5 J	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO25-02	mg/kg	0.33	77.5 J	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO27-02	mg/kg	0.24	56.2 J	10000	1000	390	39	30.8	NS
ILMO4.0	Chromium	NA-TRND-SO29-02	mg/kg	0.2	25.3 J	10000	1000	390	39	30.8	NS
ILMO4.0	Cobalt	NA-TRND-SO01-02	mg/kg	0.2	18.8	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO02-02	mg/kg	0.27	27.4	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO03-02	mg/kg	0.21	27.7	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO04-02	mg/kg	0.18	19.8	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO10-02	mg/kg	0.23	25.6	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO15-02	mg/kg	0.23	27.4	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO21-02	mg/kg	0.22	34.2	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO23-02	mg/kg	0.32	42.3	120000	12000	4700	470	25	NS

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
ILMO4.0	Cobalt	NA-TRND-SO25-02	mg/kg	0.33	41.7	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO27-02	mg/kg	0.24	32.7	120000	12000	4700	470	25	NS
ILMO4.0	Cobalt	NA-TRND-SO29-02	mg/kg	0.2	20.9	120000	12000	4700	470	25	NS
ILMO4.0	Copper	NA-TRND-SO01-02	mg/kg	0.2	103	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO02-02	mg/kg	0.27	143	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO03-02	mg/kg	0.21	145	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO04-02	mg/kg	0.18	1290	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO10-02	mg/kg	0.23	151	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO15-02	mg/kg	0.23	138	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO21-02	mg/kg	0.22	171	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO23-02	mg/kg	0.32	207	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO25-02	mg/kg	0.33	208	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO27-02	mg/kg	0.24	166	82000	8200	3100	310	116	S
ILMO4.0	Copper	NA-TRND-SO29-02	mg/kg	0.2	105	82000	8200	3100	310	116	S
ILMO4.0	Iron	NA-TRND-SO01-02	mg/kg	2.7	40300	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO02-02	mg/kg	3.7	63500	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO03-02	mg/kg	3	62200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO04-02	mg/kg	2.6	45800	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO10-02	mg/kg	3.3	55700	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO15-02	mg/kg	3.2	61400	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO21-02	mg/kg	3.1	75200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO23-02	mg/kg	4.5	97100	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO25-02	mg/kg	4.6	95200	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO27-02	mg/kg	3.3	74600	610000	61000	23000	2300	51800	NS
ILMO4.0	Iron	NA-TRND-SO29-02	mg/kg	2.7	44900	610000	61000	23000	2300	51800	NS
ILMO4.0	Lead	NA-TRND-SO01-02	mg/kg	0.39	9.8	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO02-02	mg/kg	0.53	51.5	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO03-02	mg/kg	0.43	28.2	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO04-02	mg/kg	0.37	869	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO10-02	mg/kg	0.47	89.9	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO15-02	mg/kg	0.45	8.7	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO21-02	mg/kg	0.44	42.8	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO23-02	mg/kg	0.65	6.7	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO25-02	mg/kg	0.66	5.5	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO27-02	mg/kg	0.47	157	400	400	400	400	8.7	S
ILMO4.0	Lead	NA-TRND-SO29-02	mg/kg	0.39	11.1	400	400	400	400	8.7	S
ILMO4.0	Magnesium	NA-TRND-SO01-02	mg/kg	1.8	8290	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO02-02	mg/kg	2.4	9800	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO03-02	mg/kg	1.9	11200	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO04-02	mg/kg	1.6	10900	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO10-02	mg/kg	2.1	8400	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO15-02	mg/kg	2	8260	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO21-02	mg/kg	2	15100	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO23-02	mg/kg	2.9	9640	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO25-02	mg/kg	3	9740	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO27-02	mg/kg	2.1	11200	.	.	.	.	12200	NS
ILMO4.0	Magnesium	NA-TRND-SO29-02	mg/kg	1.8	10000	.	.	.	.	12200	NS
ILMO4.0	Manganese	NA-TRND-SO01-02	mg/kg	0.2	771	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO02-02	mg/kg	0.27	1100	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO03-02	mg/kg	0.21	1240	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO04-02	mg/kg	0.18	1150	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO10-02	mg/kg	0.23	1020	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO15-02	mg/kg	0.23	1100	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO21-02	mg/kg	0.22	1280	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO23-02	mg/kg	0.32	1540	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO25-02	mg/kg	0.33	1510	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO27-02	mg/kg	0.24	1320	41000	4100	1600	160	890	S
ILMO4.0	Manganese	NA-TRND-SO29-02	mg/kg	0.2	816	41000	4100	1600	160	890	S
ILMO4.0	Mercury	NA-TRND-SO01-02	mg/kg	0.02	0.07	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO02-02	mg/kg	0.03	0.06	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO03-02	mg/kg	0.02	0.07	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO04-02	mg/kg	0.05	1.2	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO10-02	mg/kg	0.03	0.13	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO15-02	mg/kg	0.03	0.04	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO21-02	mg/kg	0.03	0.05	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO23-02	mg/kg	0.04	0.04	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO25-02	mg/kg	0.04	ND	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO27-02	mg/kg	0.03	0.08	200	20	7.8	0.78	0.04	S
ILMO4.0	Mercury	NA-TRND-SO29-02	mg/kg	0.02	0.08	200	20	7.8	0.78	0.04	S
ILMO4.0	Nickel	NA-TRND-SO01-02	mg/kg	0.39	22.9	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO02-02	mg/kg	0.53	34.1	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO03-02	mg/kg	0.43	35.3	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO04-02	mg/kg	0.18	72	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO10-02	mg/kg	0.23	36	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO15-02	mg/kg	0.23	46.4 J	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO21-02	mg/kg	0.22	48.2	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO23-02	mg/kg	0.32	57.7 J	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO25-02	mg/kg	0.33	56.8 J	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO27-02	mg/kg	0.24	44.6 J	41000	4100	1600	160	32.9	NS
ILMO4.0	Nickel	NA-TRND-SO29-02	mg/kg	0.2	27.8 J	41000	4100	1600	160	32.9	NS
ILMO4.0	Potassium	NA-TRND-SO01-02	mg/kg	1.2	284	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO02-02	mg/kg	1.6	172	.	.	.	.	285	NS

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
ILMO4.0	Potassium	NA-TRND-SO03-02	mg/kg	1.3	560	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO04-02	mg/kg	1.1	1080	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO10-02	mg/kg	1.4	672	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO15-02	mg/kg	1.4	224	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO21-02	mg/kg	1.3	619	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO23-02	mg/kg	1.9	241	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO25-02	mg/kg	2	259	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO27-02	mg/kg	1.4	511	.	.	.	.	285	NS
ILMO4.0	Potassium	NA-TRND-SO29-02	mg/kg	1.2	373	.	.	.	.	285	NS
ILMO4.0	Selenium	NA-TRND-SO01-02	mg/kg	0.39	0.67 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO02-02	mg/kg	0.53	1.5 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO03-02	mg/kg	0.43	0.85 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO04-02	mg/kg	0.37	ND UL	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO10-02	mg/kg	0.47	ND UL	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO15-02	mg/kg	0.45	1.9 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO21-02	mg/kg	0.44	ND UL	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO23-02	mg/kg	0.65	3 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO25-02	mg/kg	0.66	2.6 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO27-02	mg/kg	0.47	1.1 L	10000	1000	390	39	0.6	NS
ILMO4.0	Selenium	NA-TRND-SO29-02	mg/kg	0.39	1.2 L	10000	1000	390	39	0.6	NS
ILMO4.0	Silver	NA-TRND-SO01-02	mg/kg	0.2	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO02-02	mg/kg	0.27	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO03-02	mg/kg	0.21	0.33	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO04-02	mg/kg	0.18	53.3	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO10-02	mg/kg	0.23	0.45	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO15-02	mg/kg	0.23	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO21-02	mg/kg	0.22	0.38	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO23-02	mg/kg	0.32	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO25-02	mg/kg	0.33	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO27-02	mg/kg	0.24	ND	10000	1000	390	39	NC	NC
ILMO4.0	Silver	NA-TRND-SO29-02	mg/kg	0.2	ND	10000	1000	390	39	NC	NC
ILMO4.0	Sodium	NA-TRND-SO01-02	mg/kg	19.6	1520	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO02-02	mg/kg	26.6	1270	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO03-02	mg/kg	21.3	1160	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO04-02	mg/kg	18.3	473	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO10-02	mg/kg	23.5	341	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO15-02	mg/kg	22.7	1400 J	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO21-02	mg/kg	21.9	897	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO23-02	mg/kg	32.4	137 J	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO25-02	mg/kg	33	116 J	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO27-02	mg/kg	23.5	716 J	.	.	.	.	2030	NS
ILMO4.0	Sodium	NA-TRND-SO29-02	mg/kg	19.5	1700 J	.	.	.	.	2030	NS
ILMO4.0	Thallium	NA-TRND-SO01-02	mg/kg	0.78	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO02-02	mg/kg	1.1	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO03-02	mg/kg	0.85	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO04-02	mg/kg	0.73	3.3 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO10-02	mg/kg	0.94	3.5 L	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO15-02	mg/kg	0.91	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO21-02	mg/kg	0.88	5.2	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO23-02	mg/kg	1.3	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO25-02	mg/kg	1.3	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO27-02	mg/kg	0.94	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Thallium	NA-TRND-SO29-02	mg/kg	0.78	ND UL	140	14	5.5	0.55	1.7	NS
ILMO4.0	Vanadium	NA-TRND-SO01-02	mg/kg	0.2	152	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO02-02	mg/kg	0.27	288	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO03-02	mg/kg	0.21	254	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO04-02	mg/kg	0.18	143	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO10-02	mg/kg	0.23	232	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO15-02	mg/kg	0.23	264	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO21-02	mg/kg	0.22	301	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO23-02	mg/kg	0.32	474	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO25-02	mg/kg	0.33	484	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO27-02	mg/kg	0.24	321	14000	1400	550	55	219	NS
ILMO4.0	Vanadium	NA-TRND-SO29-02	mg/kg	0.2	171	14000	1400	550	55	219	NS
ILMO4.0	Zinc	NA-TRND-SO01-02	mg/kg	0.2	50.8	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO02-02	mg/kg	0.27	65.7	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO03-02	mg/kg	0.21	97.7	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO04-02	mg/kg	0.18	1710	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO10-02	mg/kg	0.23	203	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO15-02	mg/kg	0.23	56	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO21-02	mg/kg	0.22	117	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO23-02	mg/kg	0.32	61.6	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO25-02	mg/kg	0.33	55.6	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO27-02	mg/kg	0.24	253	610000	61000	23000	2300	48.6	S
ILMO4.0	Zinc	NA-TRND-SO29-02	mg/kg	0.2	50.2	610000	61000	23000	2300	48.6	S
300	Chloride	NA-TRND-SO29-02	mg/kg	1.52	7.68	200000	20000	7800	780	9.64	NS
300	Fluoride	NA-TRND-SO29-02	mg/kg	1.52	ND	120000	12000	4700	470	NC	NC
353.2	Nitrate	NA-TRND-SO29-02	mg/kg	1.52	8.38	3300000	330000	130000	13000	6.74	NS

Reference UTL abbreviations: NC = Not calculated because reference data were all non-detected results or were not analyzed.

Means Comparison Conclusion Reference vs. Site abbreviations:

NA = Not applicable. Data is associated with reference area.

NC = Not calculated because reference data and/or site data were all non-detected results or were not analyzed.

Appendix F-12
Trend Analysis - Subsurface Soil

Method	Analyte	Sample ID	Units	MDL	Result	Industrial RBC	Industrial RBSL	Residential RBC	Residential RBSL	Reference UTL	Means Comparison Conclusion Reference vs. Site
NS = Not signficant. On average, site data were not signficantly greater than reference data.											
S = Signficant. On average, site data were signficantly greater than reference data.											

APPENDIX G

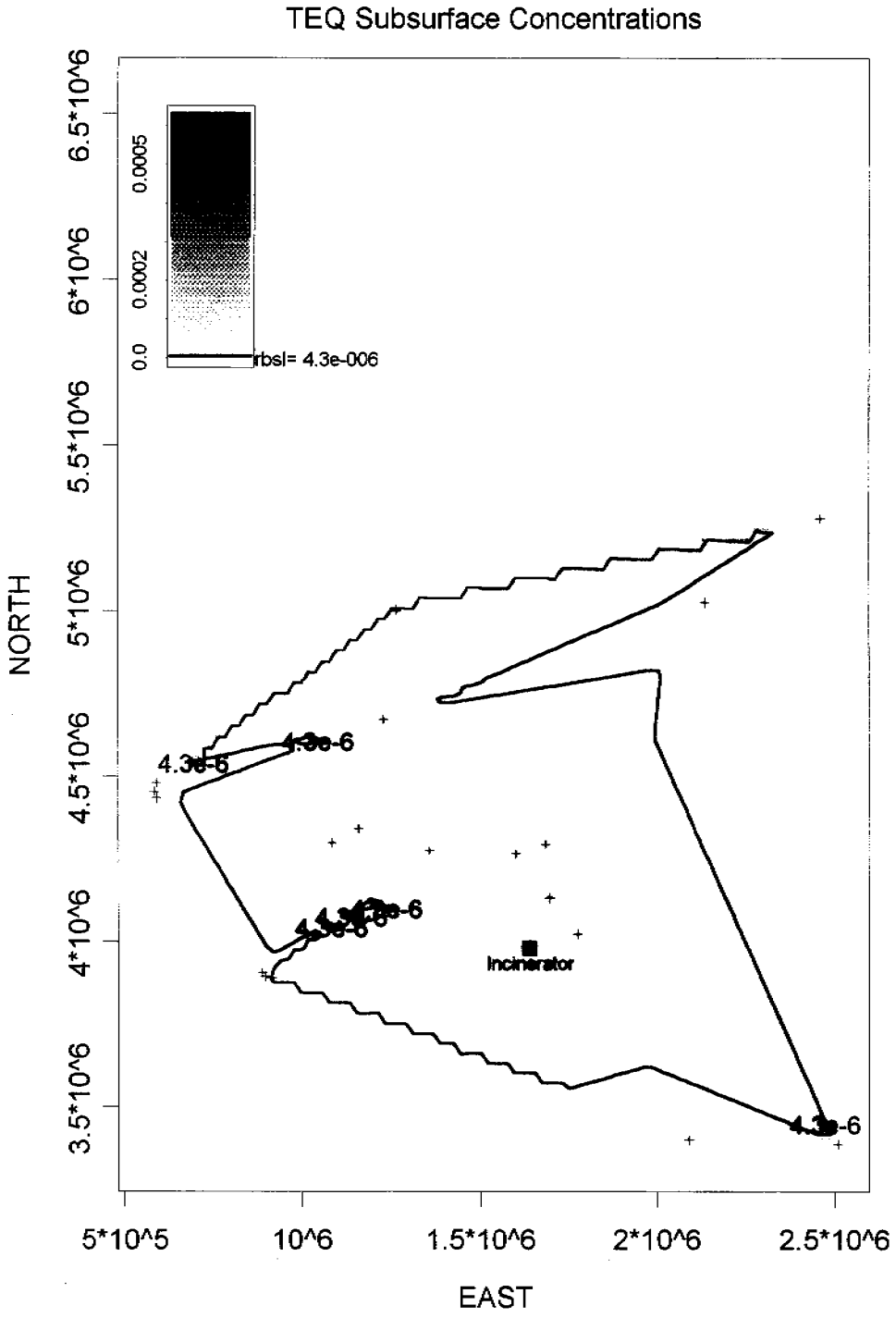
Trend Analysis Plots

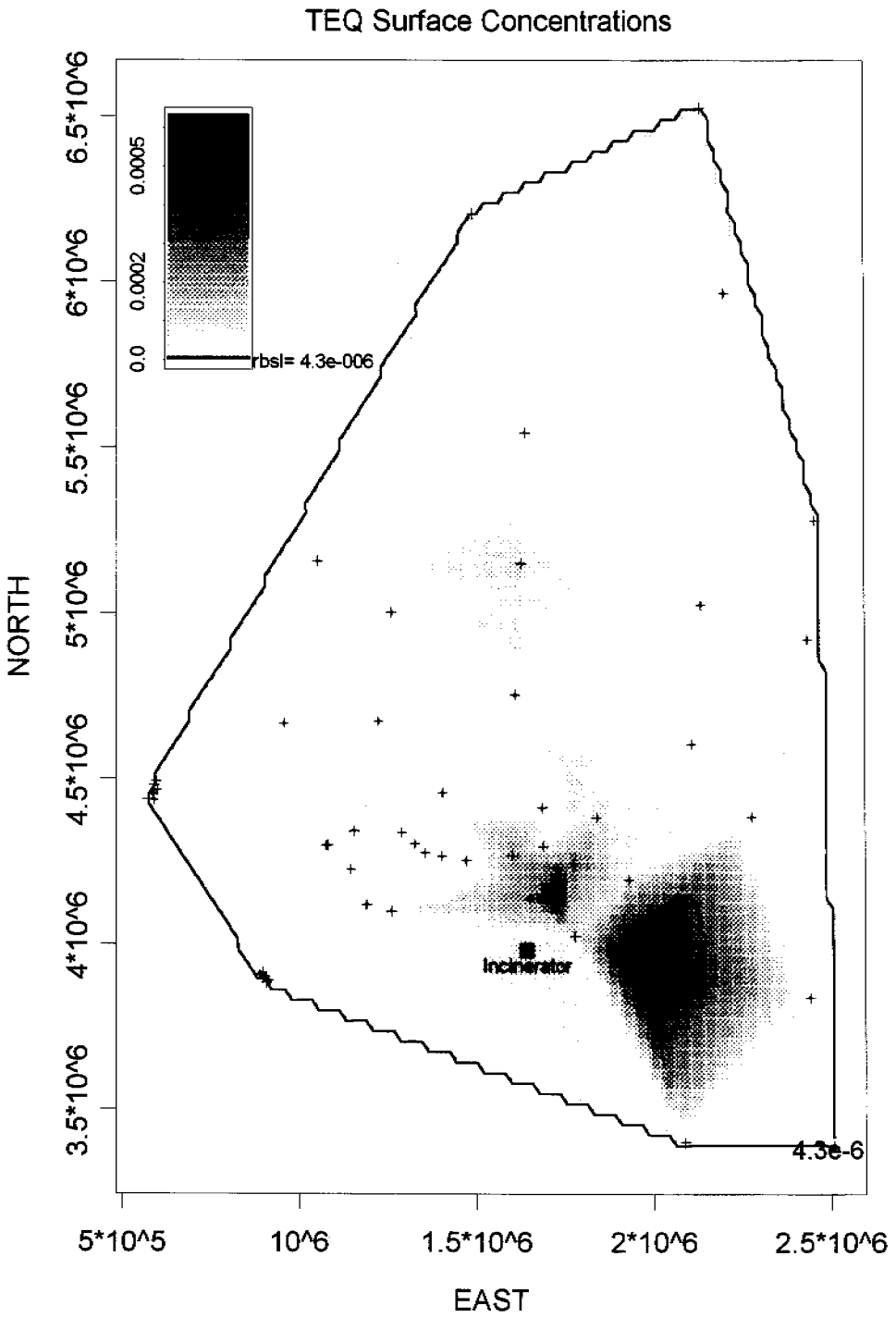
NAF Atsugi Trend Plots

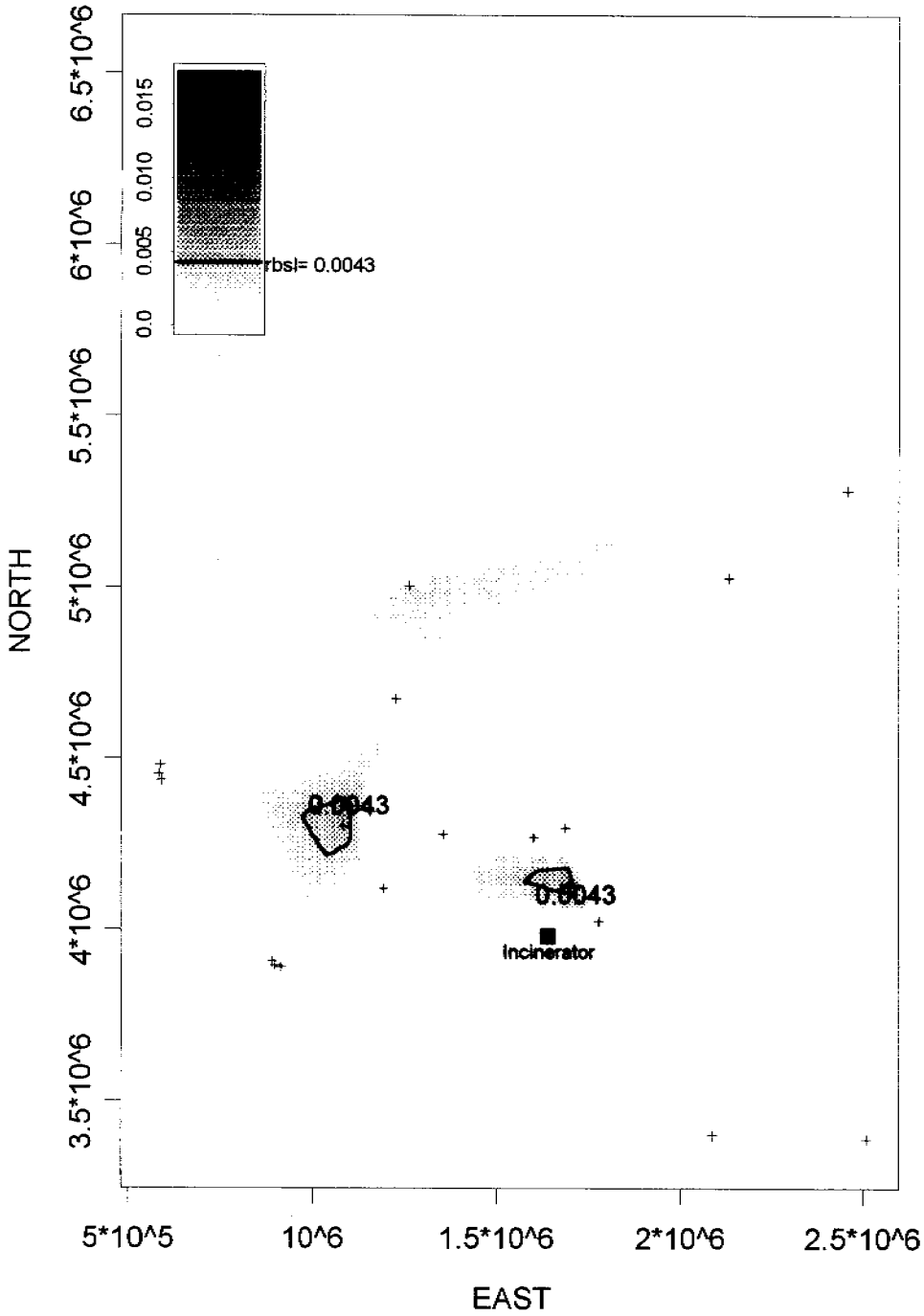
The following plots are trend plots of chemical concentrations determined during the March 1998 soil sampling at NAF Atsugi. The location of the Jinkanpo Incineration Complex is indicated by a square and labeled "Incinerator" as a point of reference on all figures. All sampling locations are indicated by a "+" symbol. On these trend plots, low concentrations are shown as light gray shading to black as the concentrations increase (or yellow to red as concentrations increase on the color plots). The darkest shade on each graph indicates the highest concentrations. On some plots, areas with no shading are seen inside the boundaries of the sampling locations. This indicates that interpolated values were too small to be plotted. All plots are oriented with north to the top of the page. The coverage for the surface soil plots approximates the shape of NAF Atsugi. The coverage for the subsurface plots does not include the northern portion of the base (i.e., there were no subsurface soil samples collected in the northern part of the base).

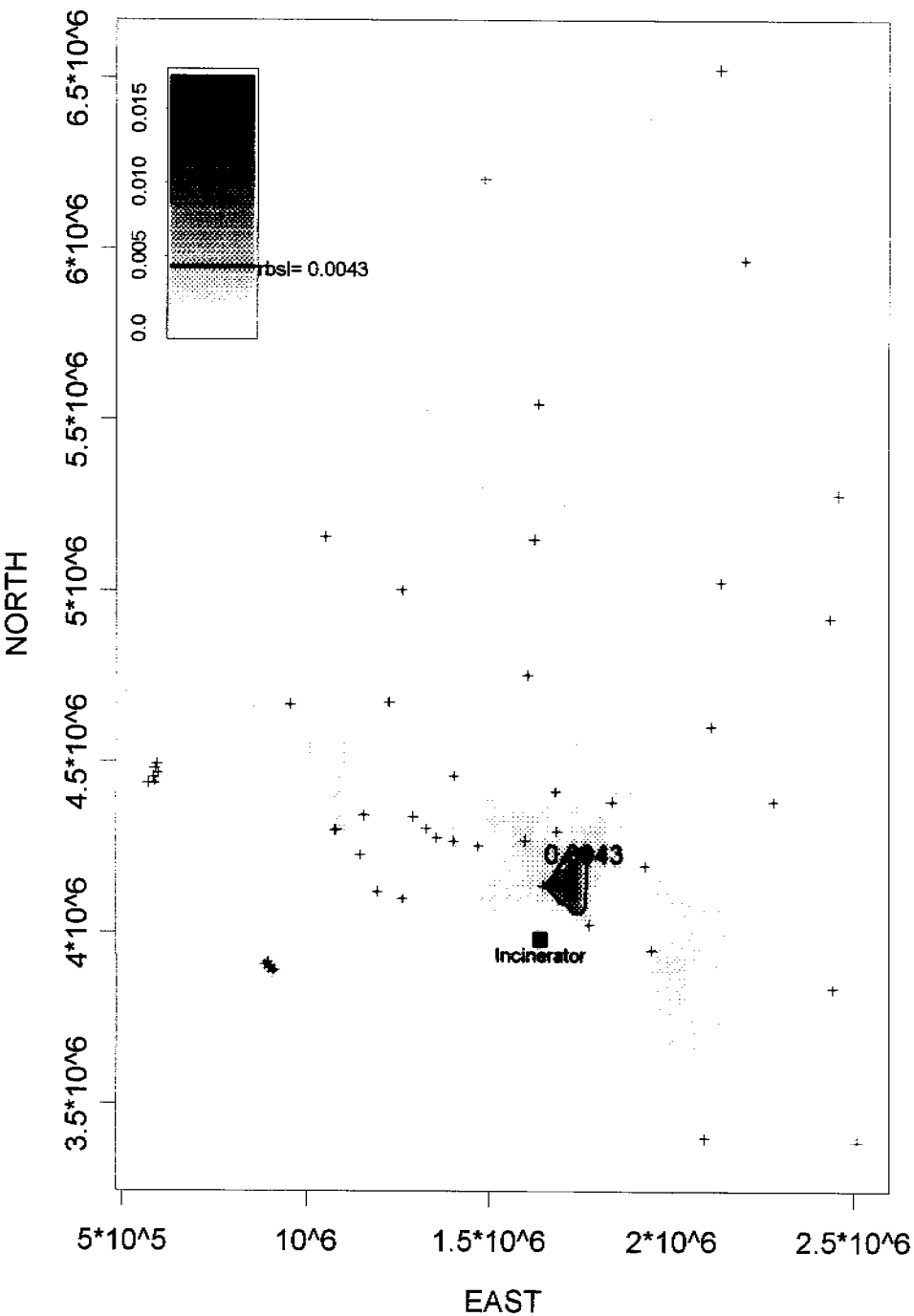
The color scale for each analyte is the same for subsurface and surface plots, however the scale changes for each analyte. Thus, the scale for zinc goes from 0 to 2500 mg/kg, while the scale for thallium ranges from 0 to 5 mg/kg. The scale for each plot is shown in the legend in the upper left-hand corner of the plot.

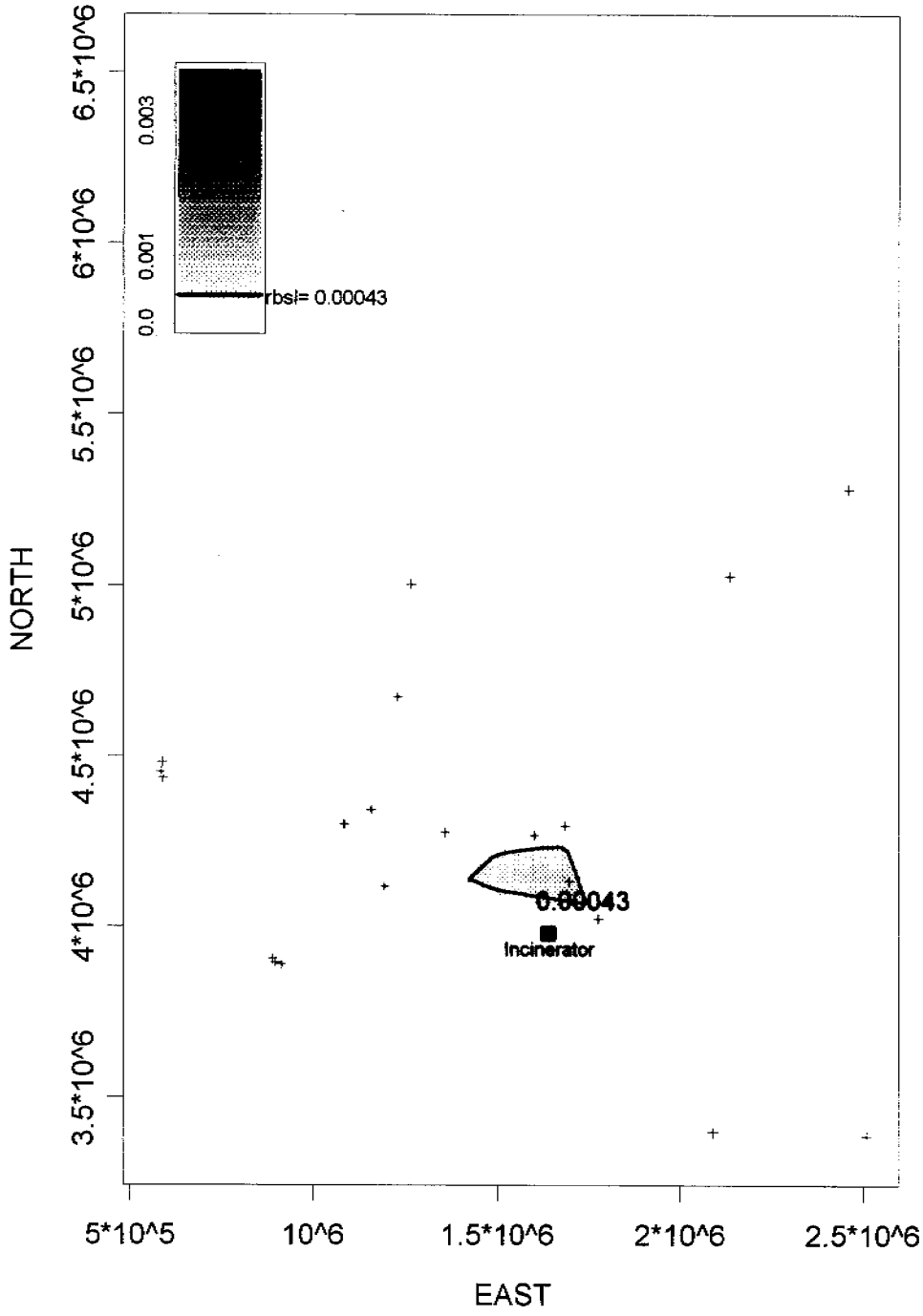
The RBSL is shown on each legend, and areas where concentrations exceed the RBSL are indicated on the plots by a contour labeled with the RBSL value. If no RBSL value was available for an analyte, the text 'no rbsl' is written at the bottom of the legend. If all the concentrations for an analyte exceed the RBSL, the contour is drawn around the entire area. If all concentrations for an analyte are lower than the RBSL, then no contour is drawn on the plot, but the RBSL value is still labeled on the legend.

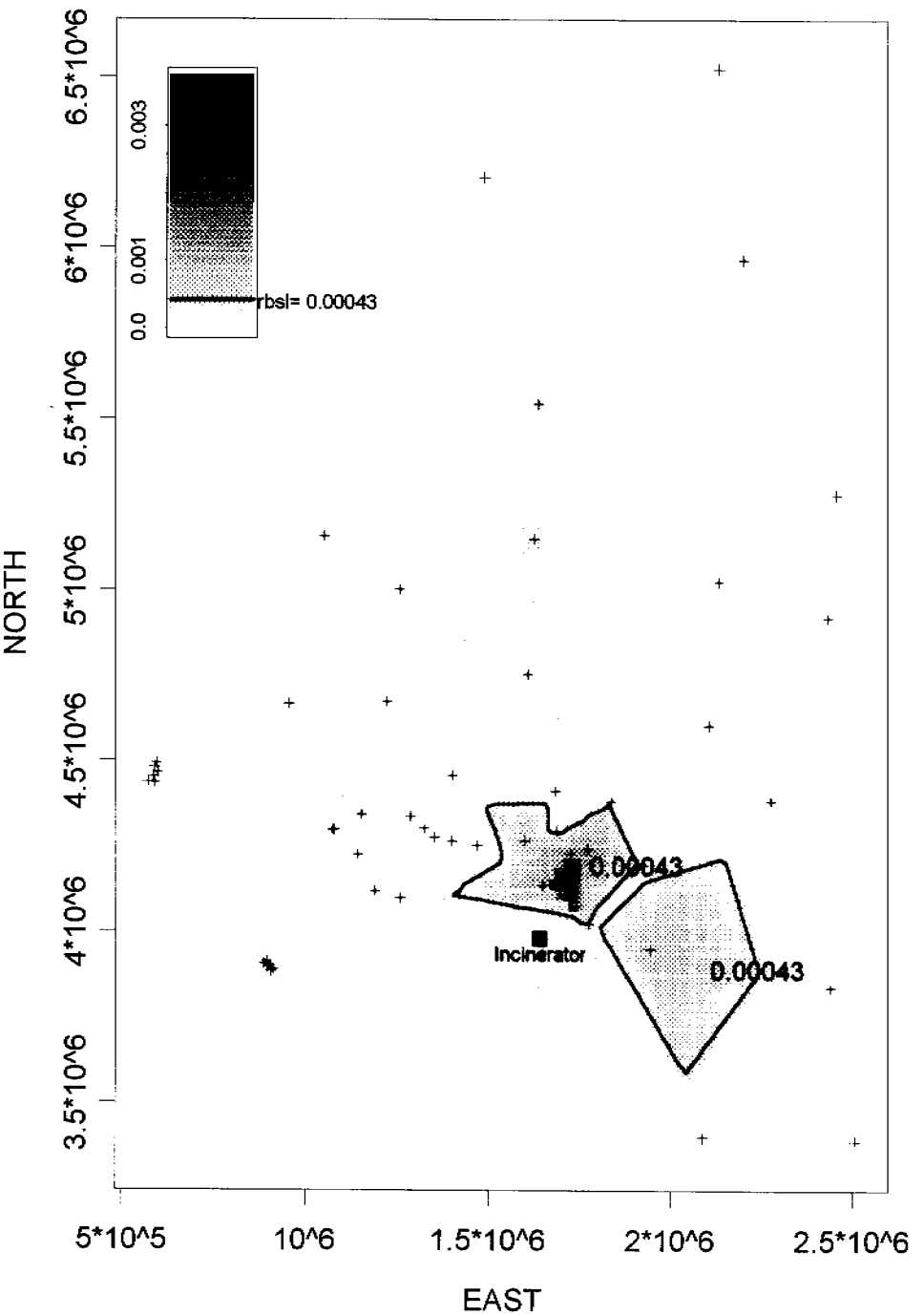

TEQ Subsurface Concentrations
0.0
0.0002
0.0005
rbsl= 4.3e-006
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
4.3e-5
4.3e-6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

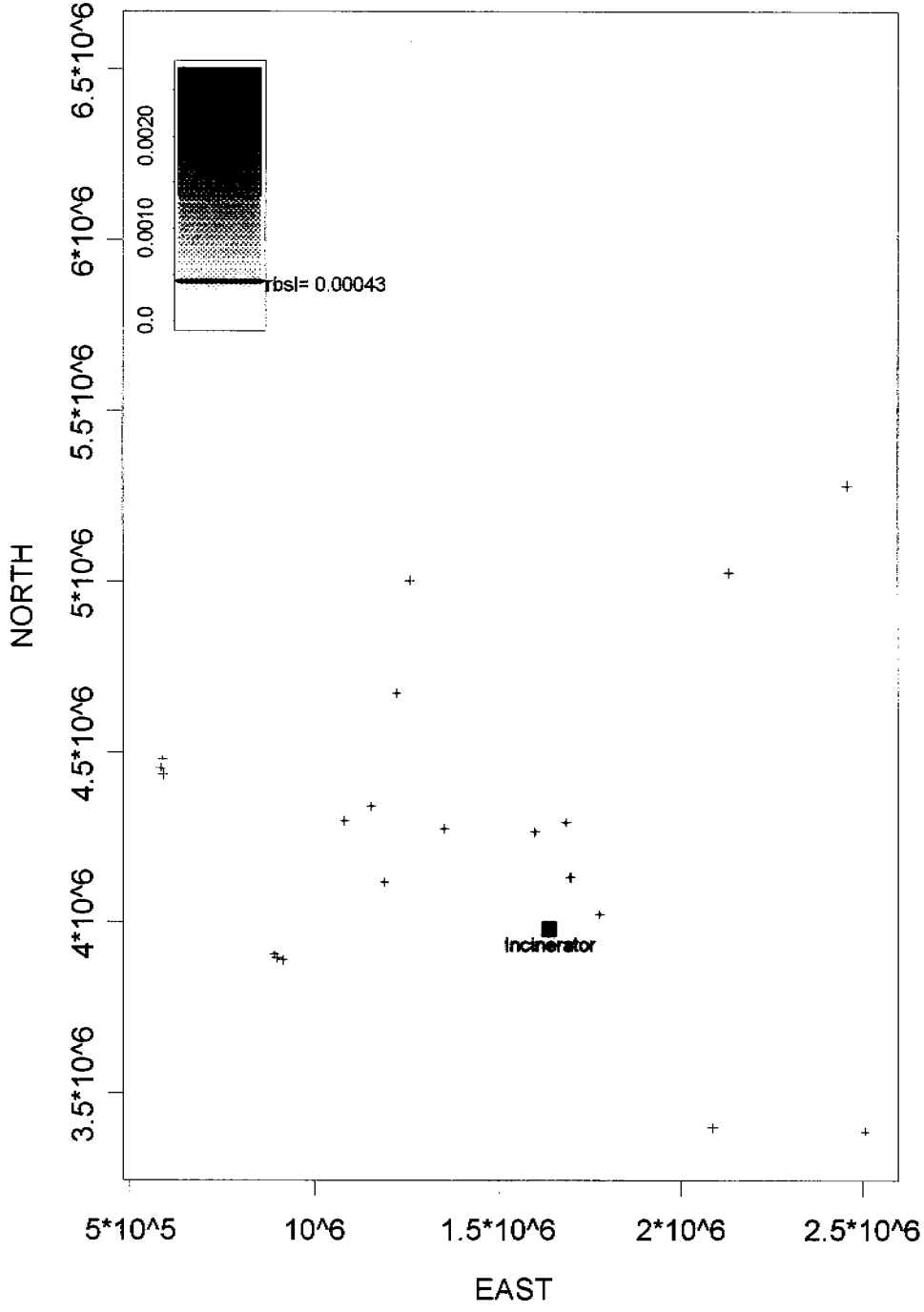

TEQ Surface Concentrations
0.0
0.0002
0.0005
rbsl= 4.3e-006
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
4.3e-6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

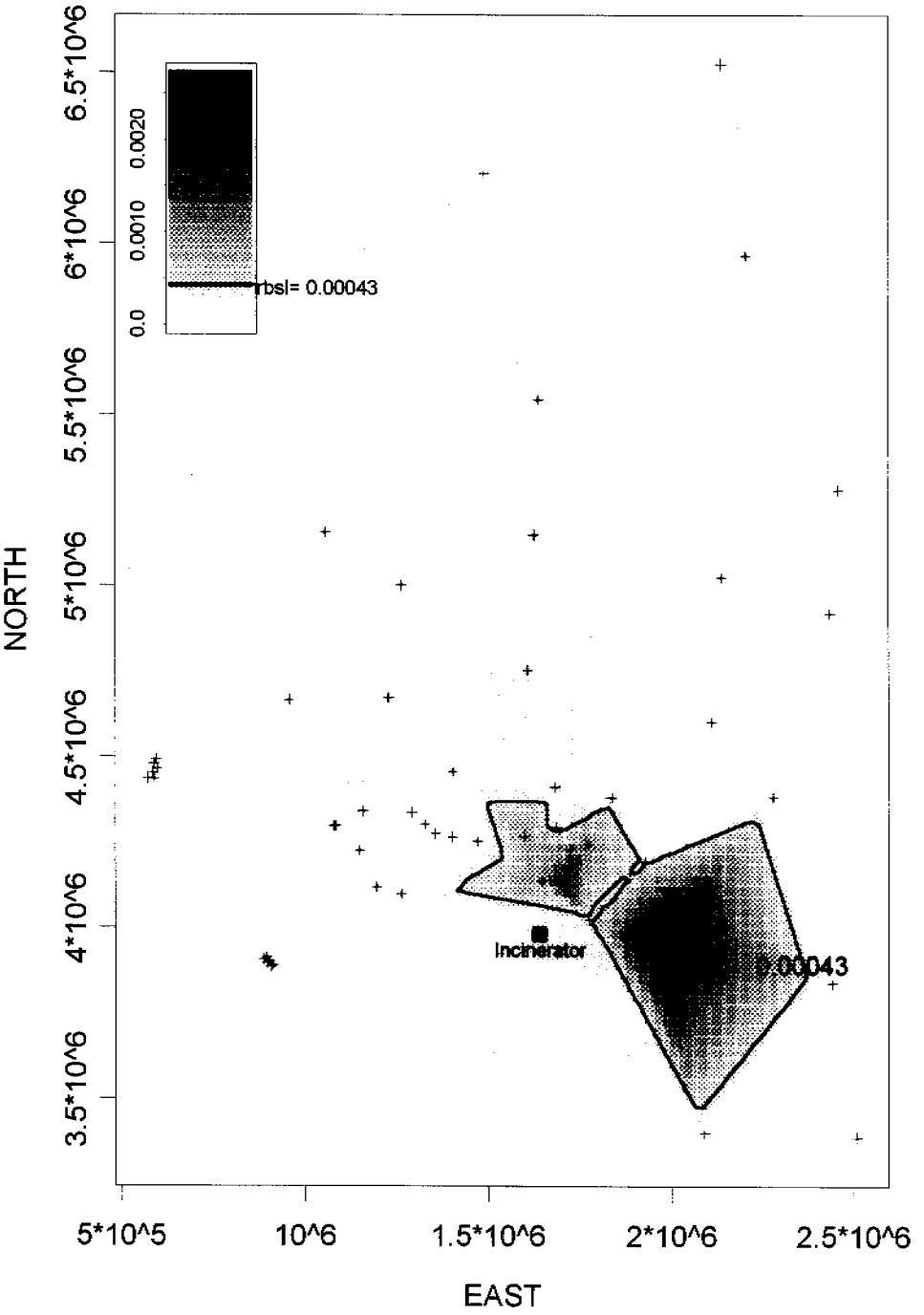

1,2,3,4,6,7,8,9-OCDD in Subsurface
0.0
0.005
0.010
0.015
rbsl= 0.0043
0.0043
0.0043
Incinerator
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

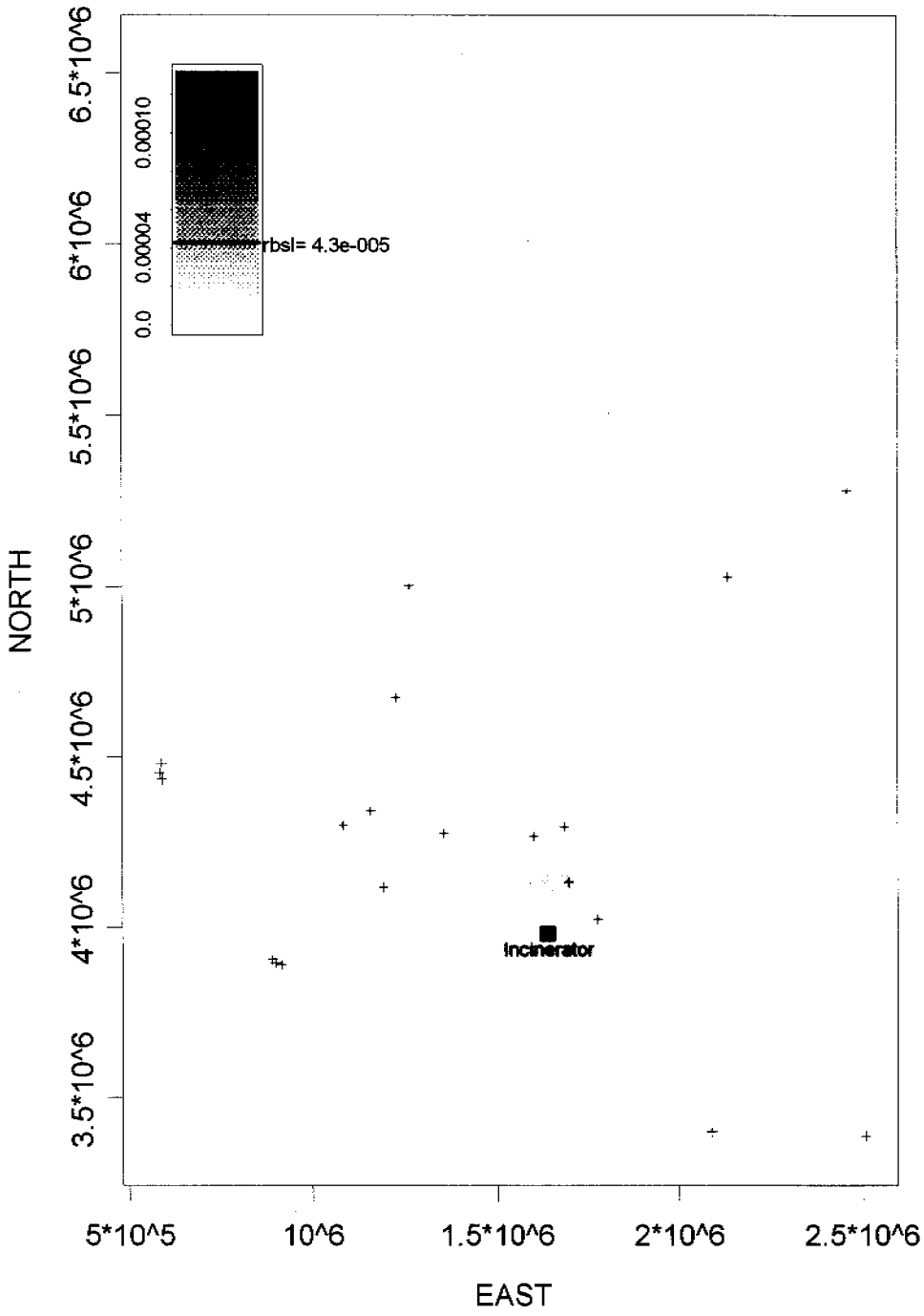

1,2,3,4,6,7,8,9-OCDD in Surface
0.0
0.005
0.010
0.015
rbsl= 0.0043
0.0043
Incinerator
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

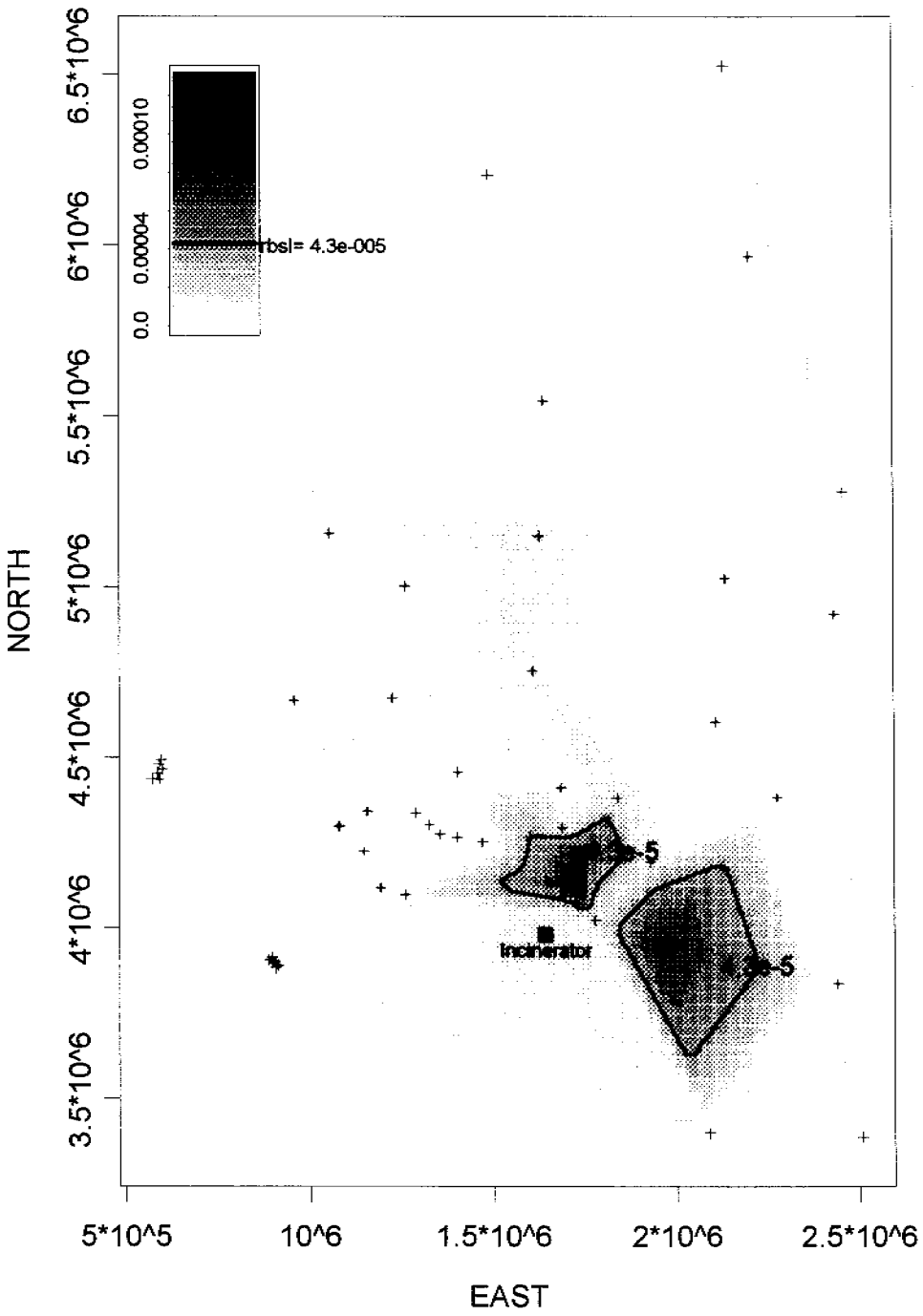

1,2,3,4,6,7,8-HpCDD in Subsurface
0.003
0.001
0.0
rbsl= 0.00043
0.00043
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

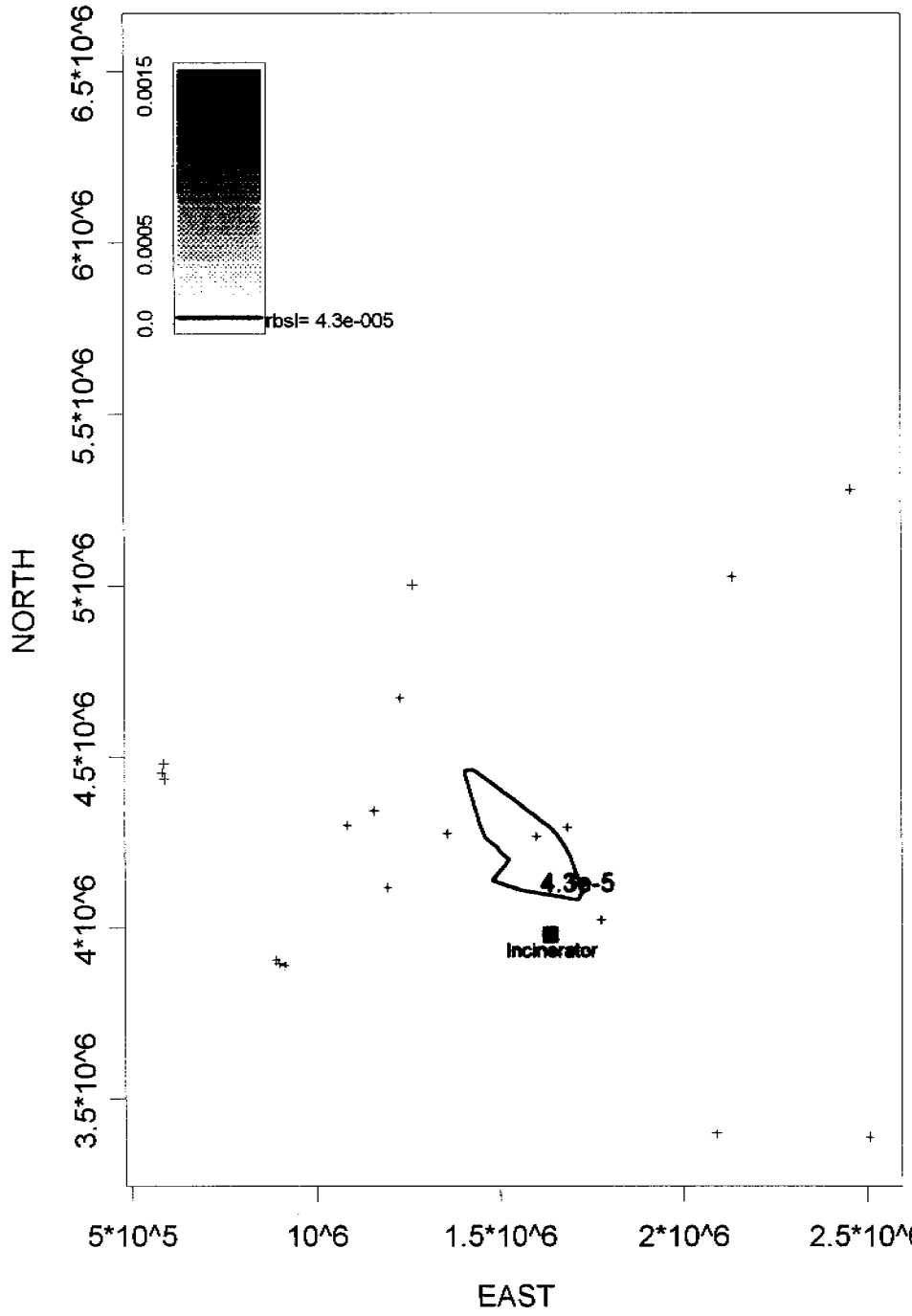

1,2,3,4,6,7,8-HpCDD in Surface
0.003
0.001
0.0
rbsl= 0.00043
0.00043
Incinerator
0.00043
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

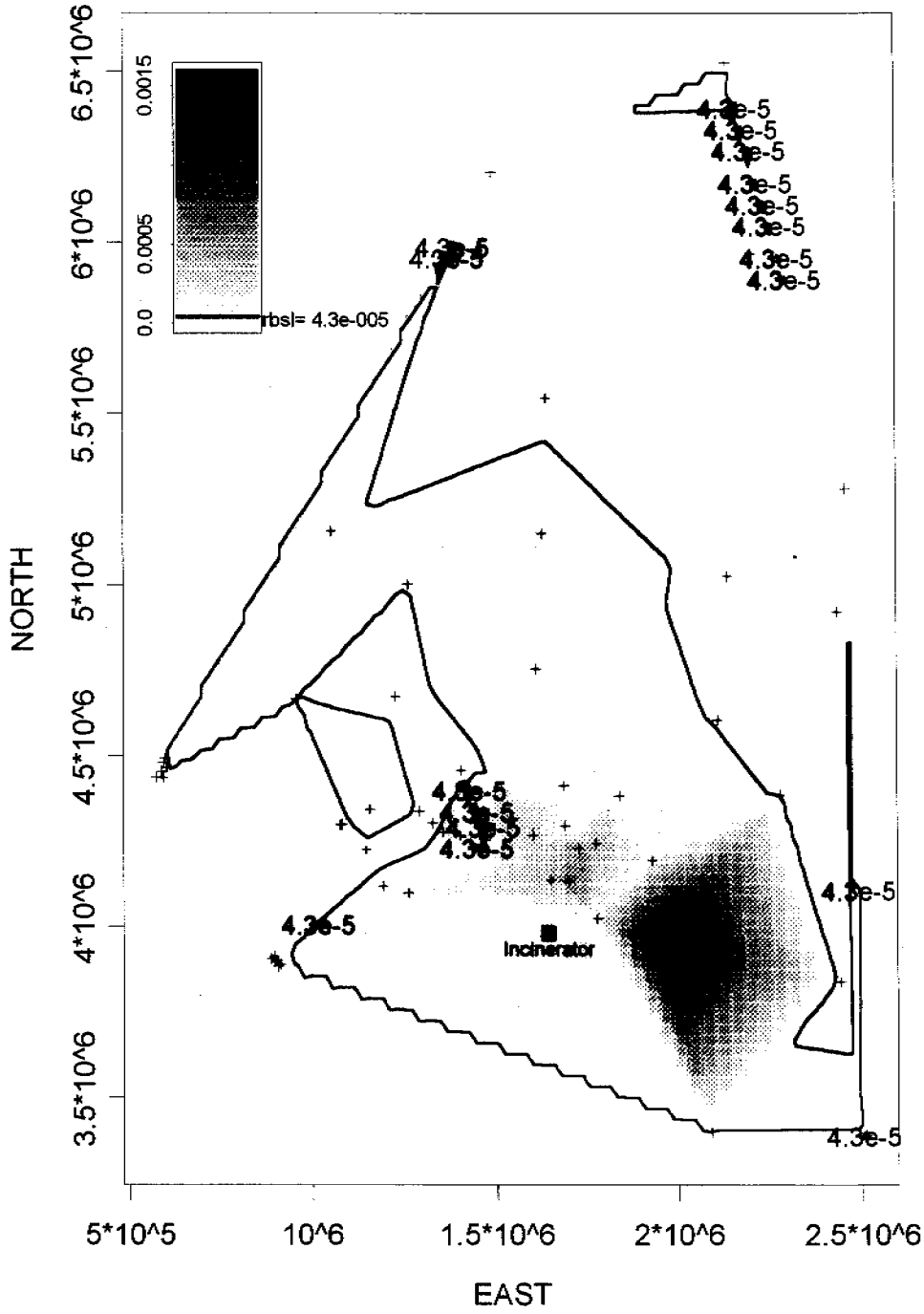

1,2,3,4,6,7,8-HpCDF in Subsurface
0.0
0.0010
0.0020
rbsl= 0.00043
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

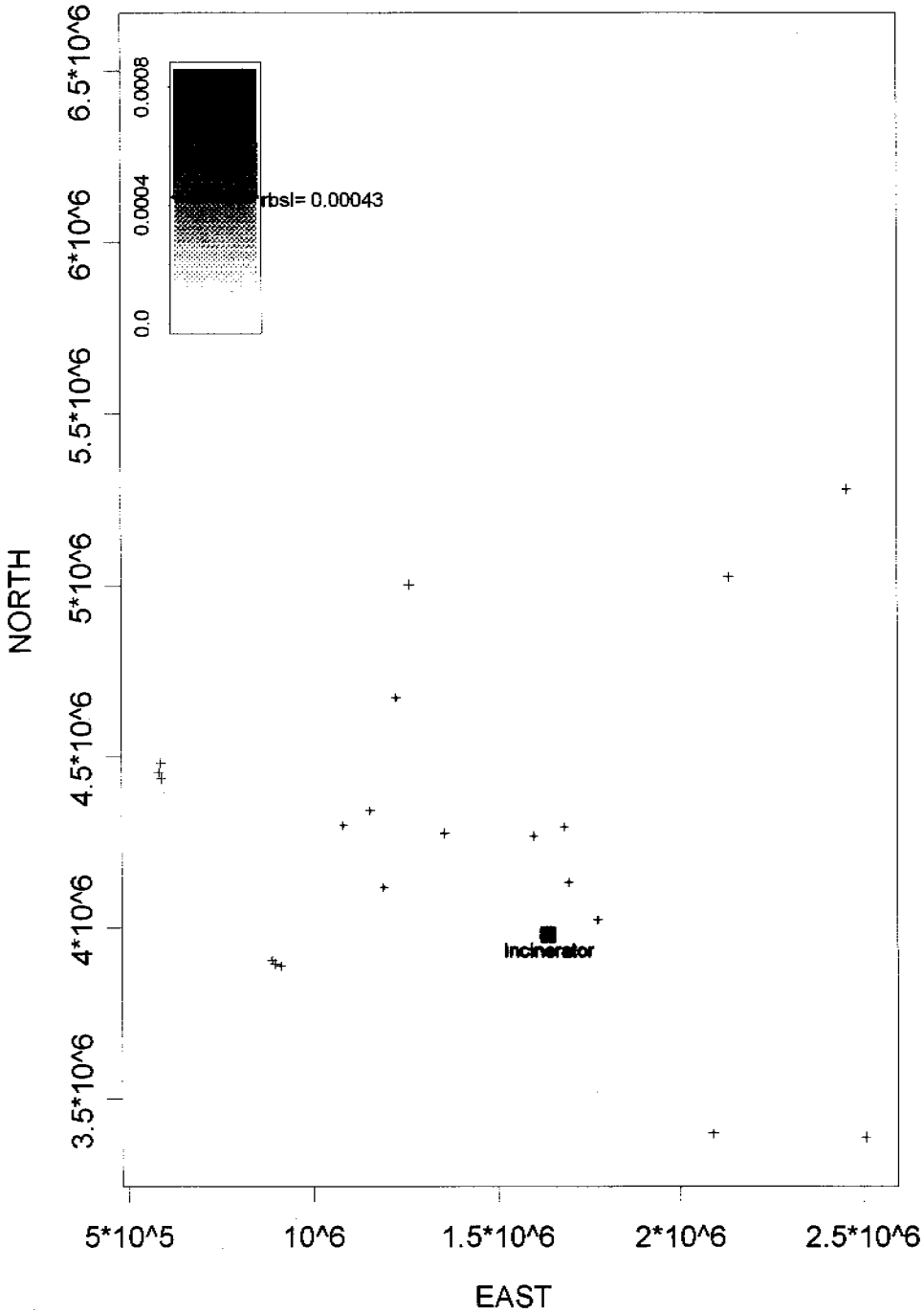

1,2,3,4,6,7,8-HpCDF in Surface
0.0
0.0010
0.0020
rbsl= 0.00043
Incinerator
0.00043
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

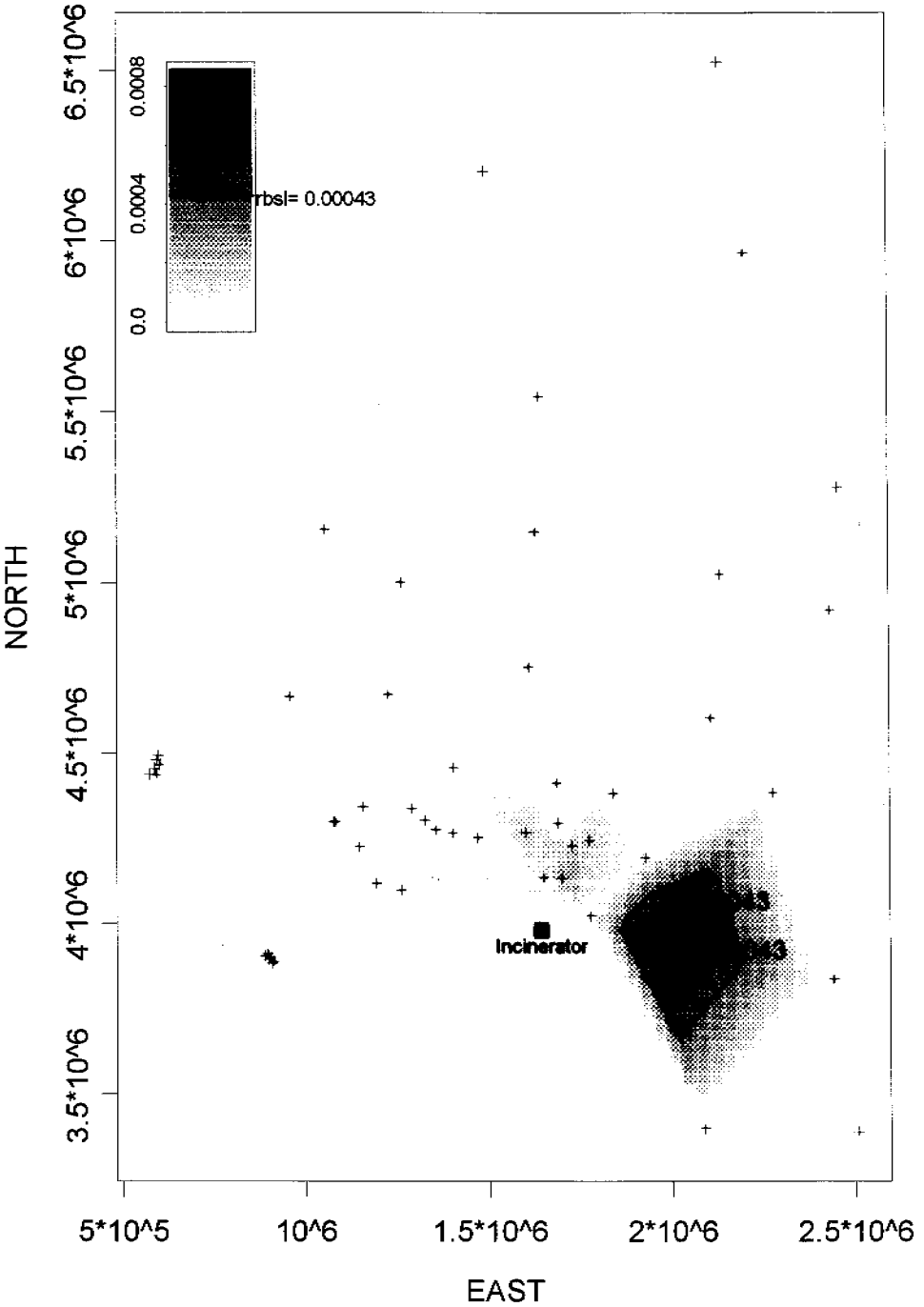

1,2,3,4,7,8-HxCDD in Subsurface
0.0
0.00004
0.00010
rbsl= 4.3e-005
Incinerator
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

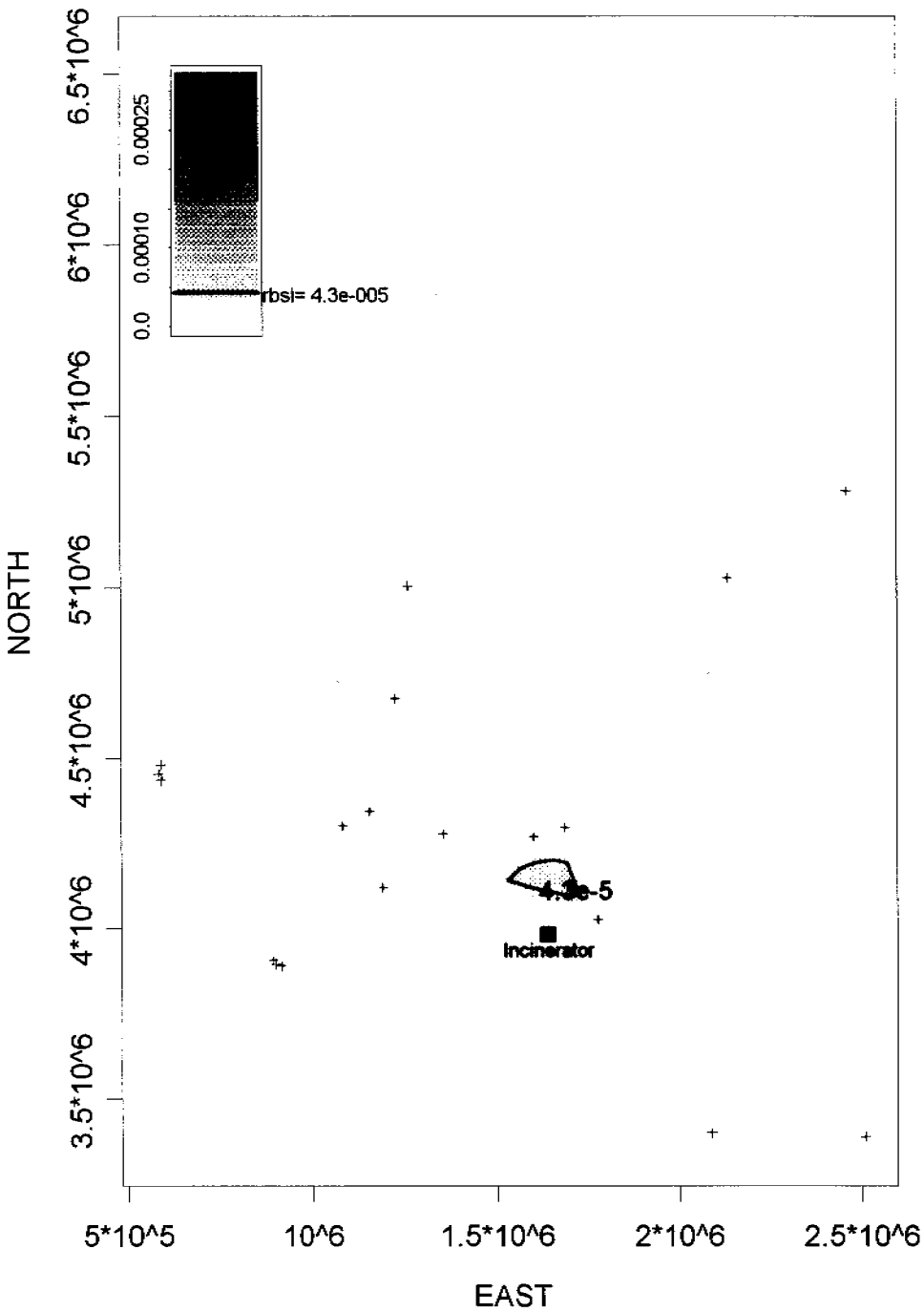

1,2,3,4,7,8-HxCDD in Surface
0.0
0.00004
0.00010
rbsl= 4.3e-005
Incinerator
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

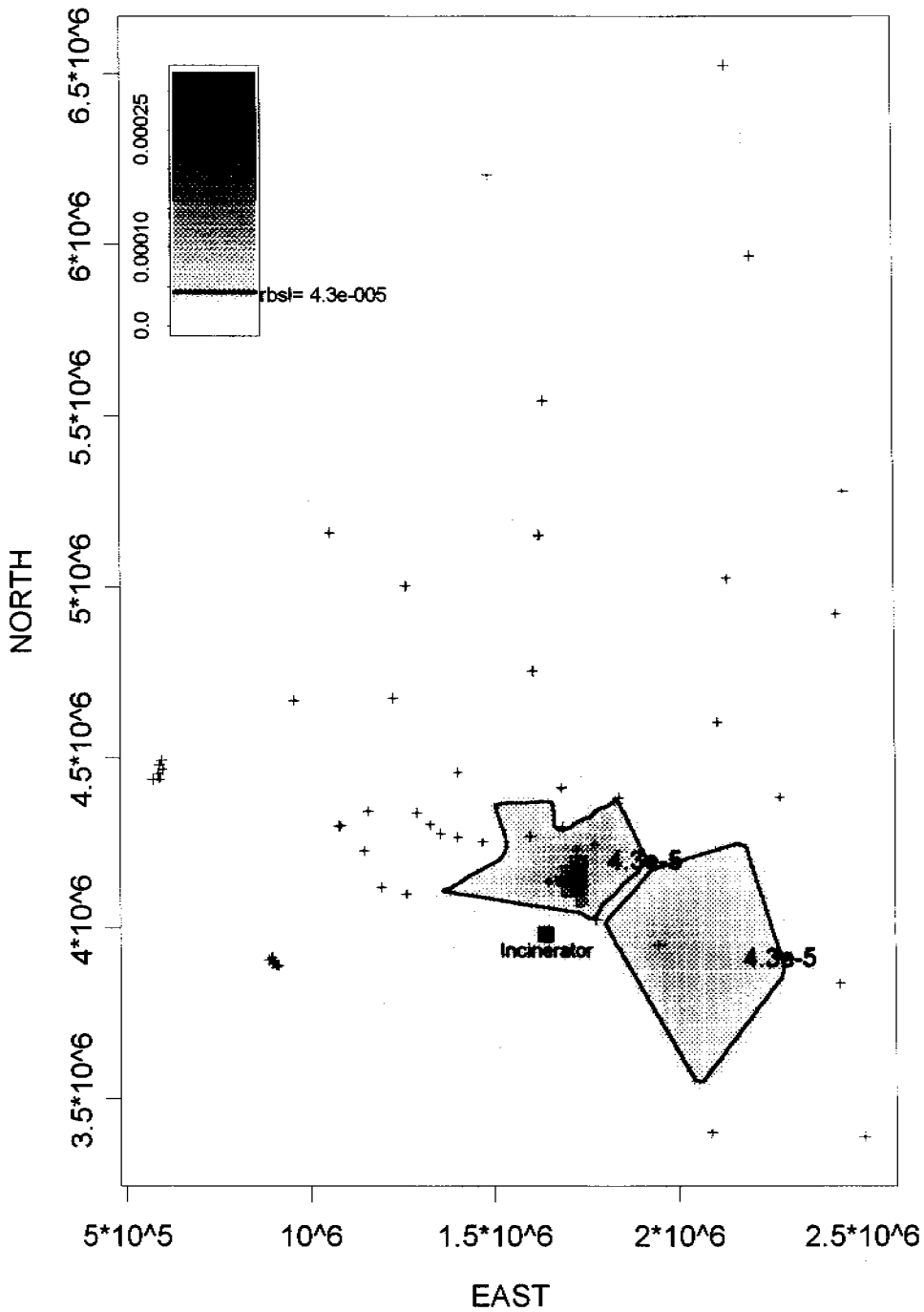

1,2,3,4,7,8-HxCDF in Subsurface
0.0015
0.0005
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

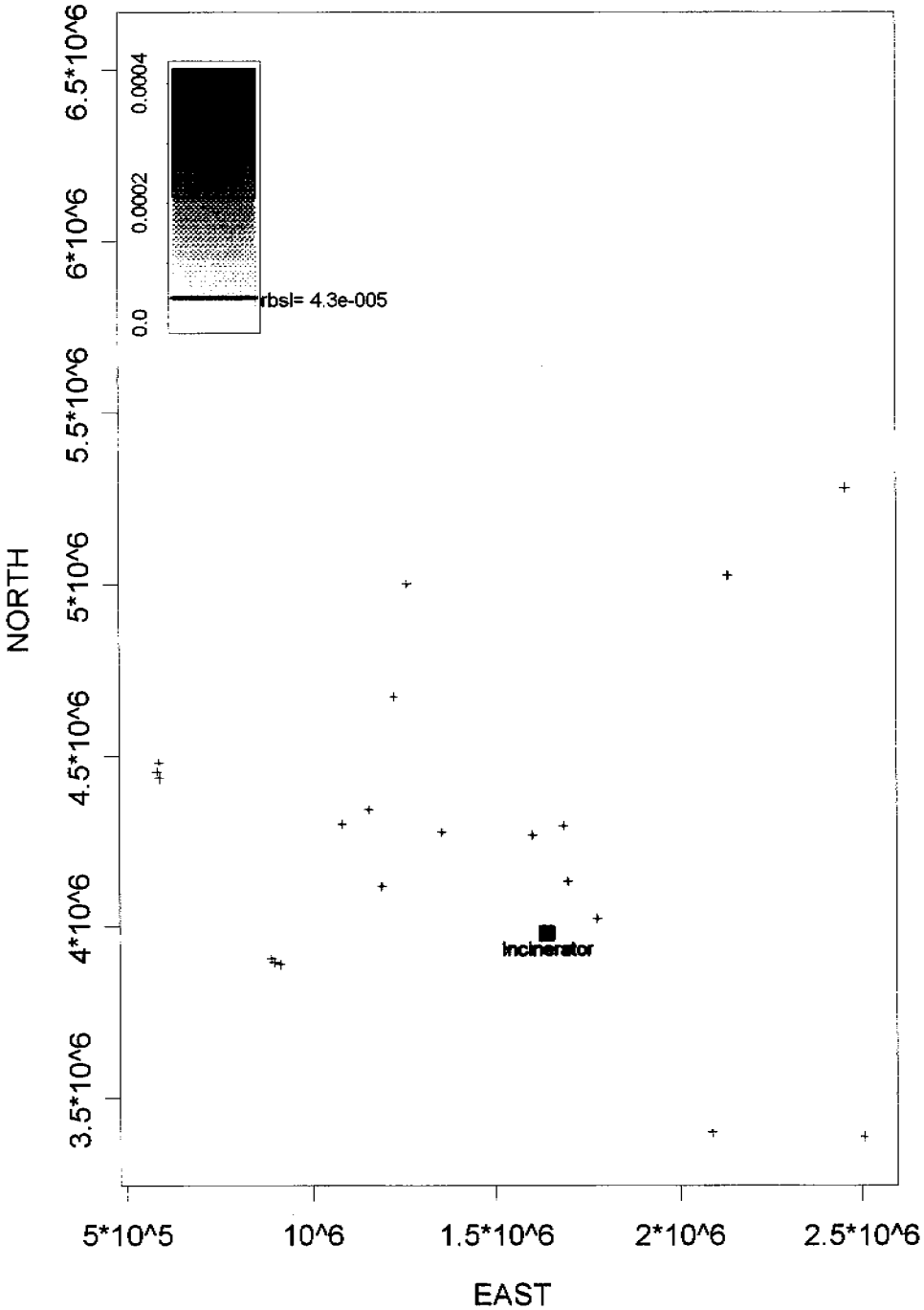

1,2,3,4,7,8-HxCDF in Surface
0.0015
0.0005
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

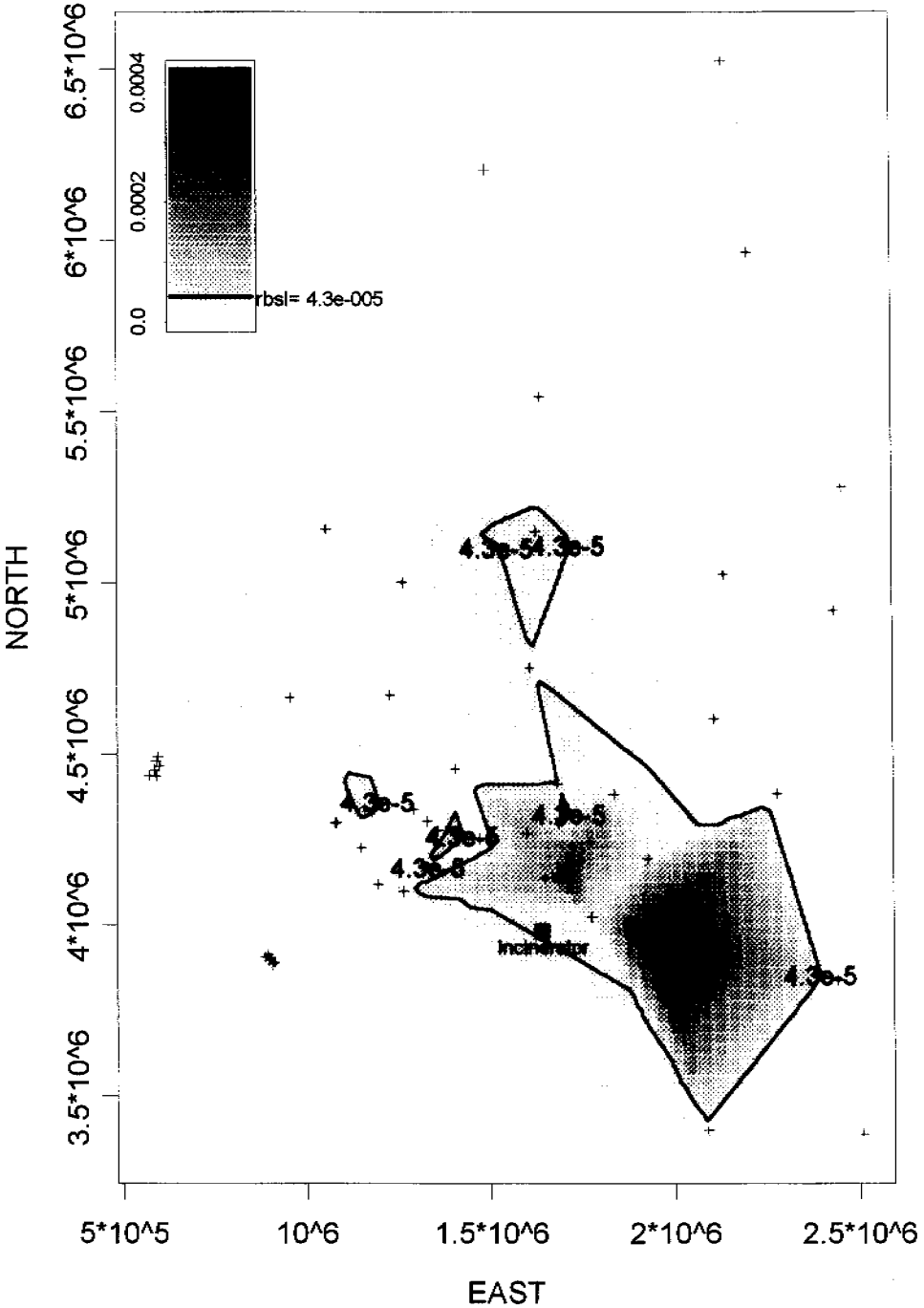

1,2,3,4,7,8,9-HpCDF in Subsurface
rbsl= 0.00043
0.0
0.0004
0.0008
Incinerator
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

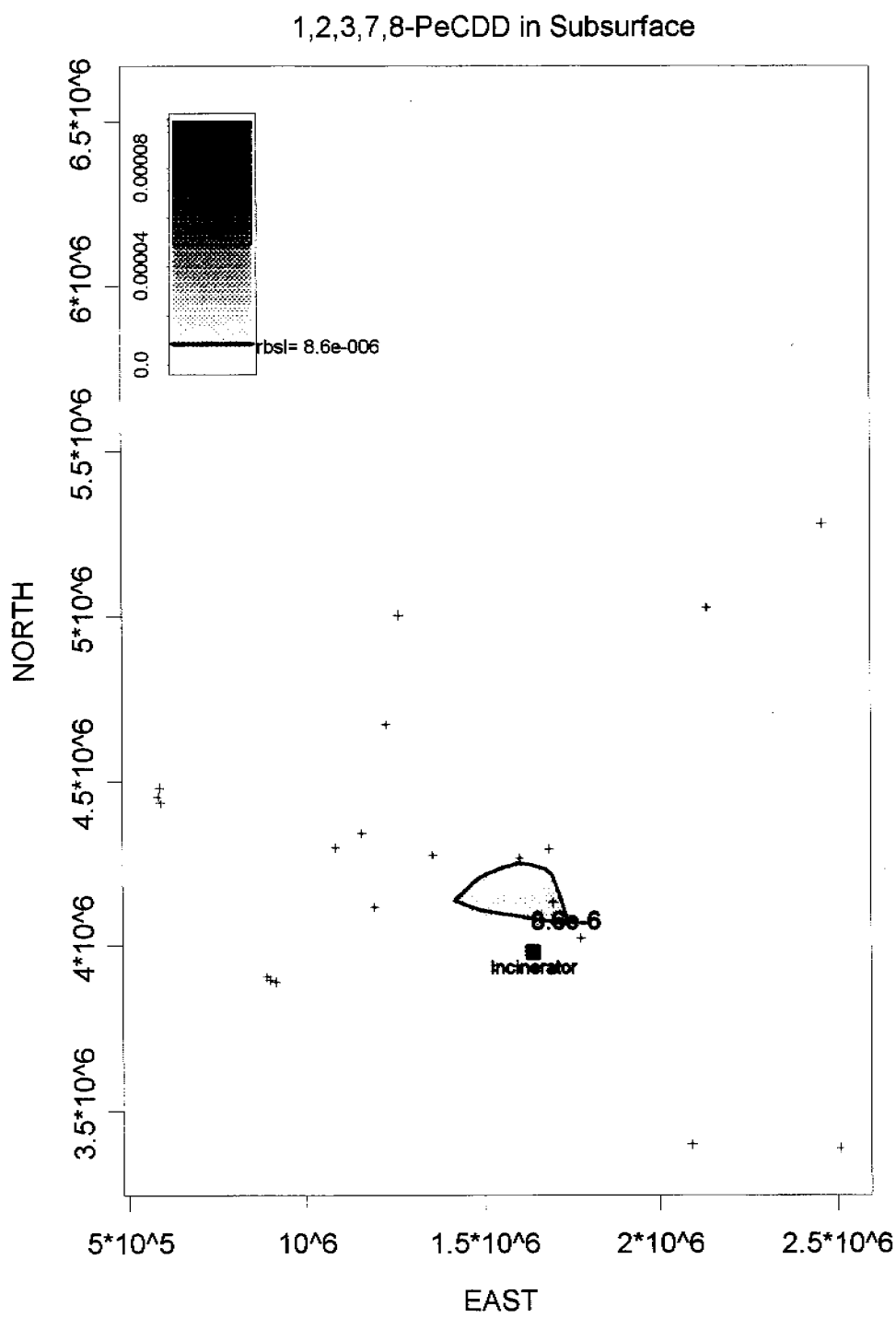

1,2,3,4,7,8,9-HpCDF in Surface
rbsl= 0.00043
0.0
0.0004
0.0008
Incinerator
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

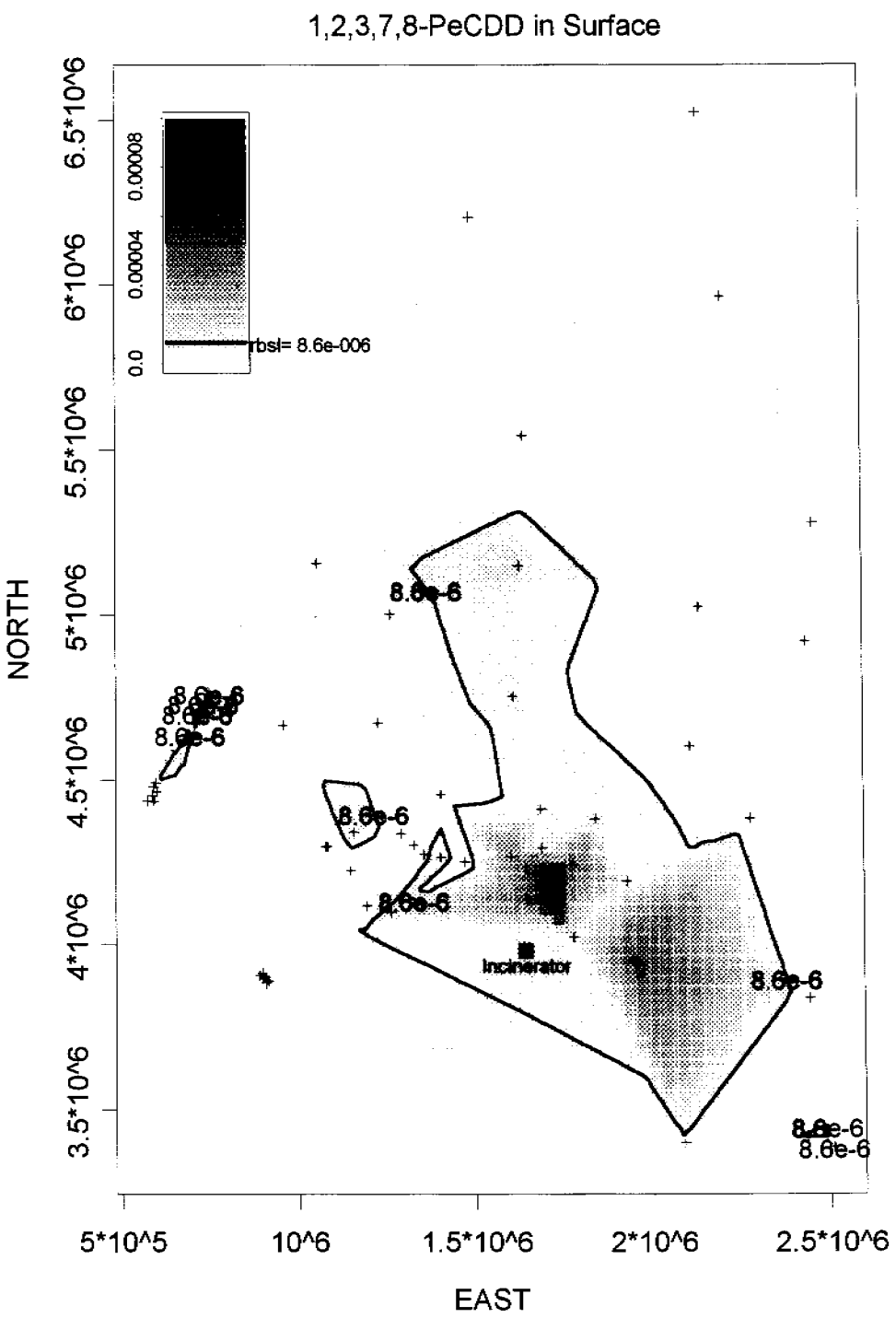

1,2,3,6,7,8-HxCDD in Subsurface
0.0
0.00010
0.00025
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

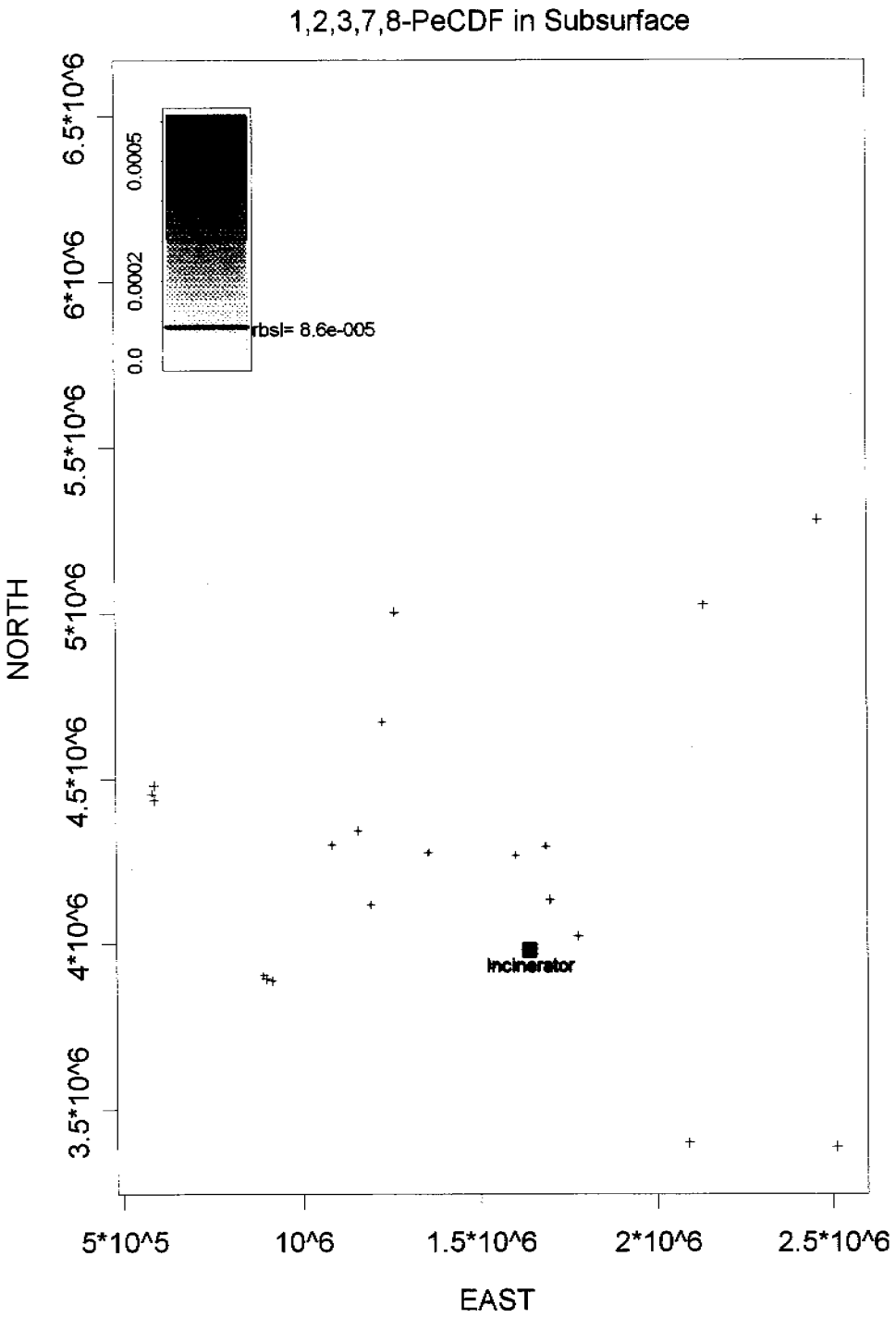

1,2,3,6,7,8-HxCDD in Surface
0.0
0.00010
0.00025
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
Incinerator
4.3e-5
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

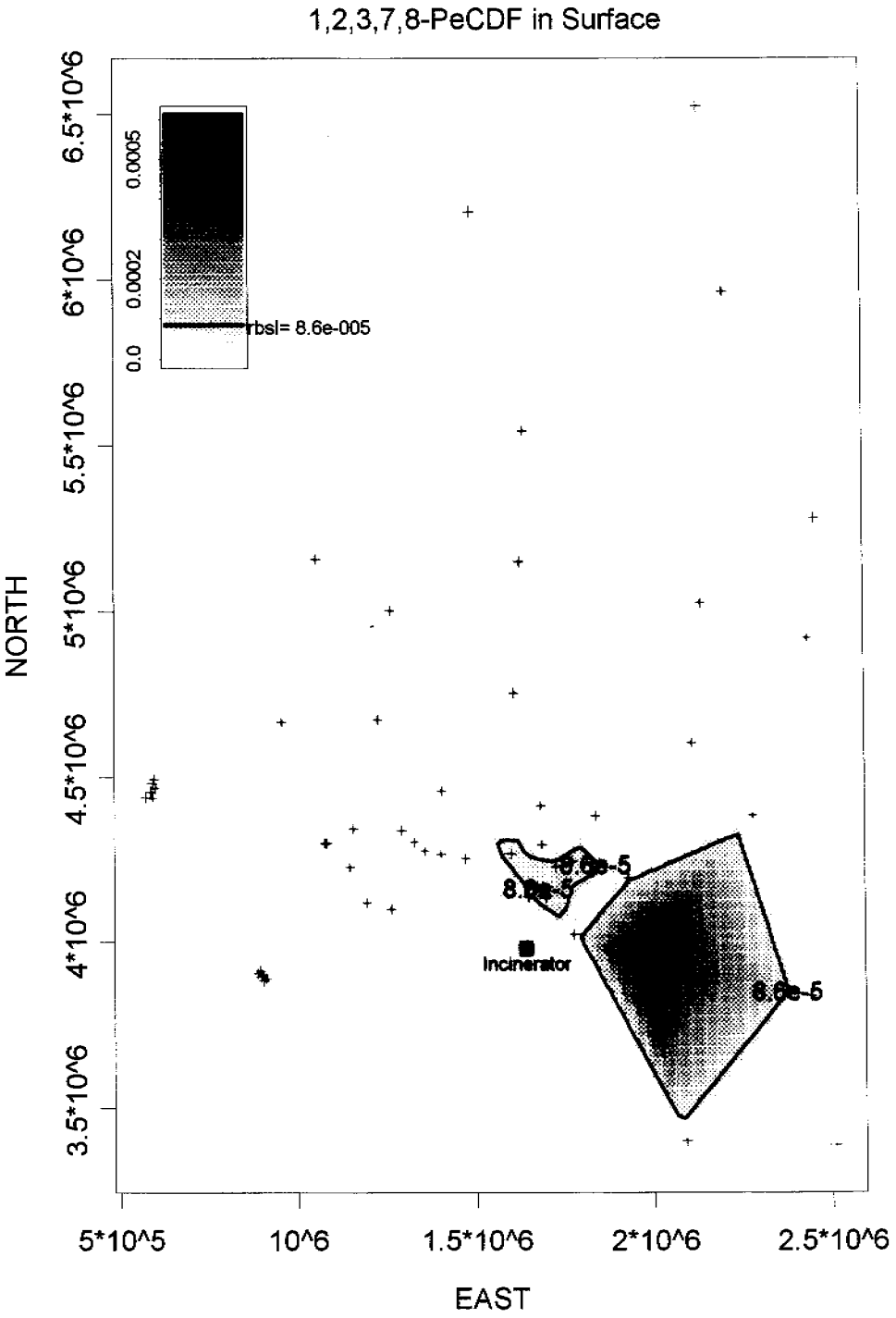

1,2,3,6,7,8-HxCDF in Subsurface
0.0004
0.0002
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

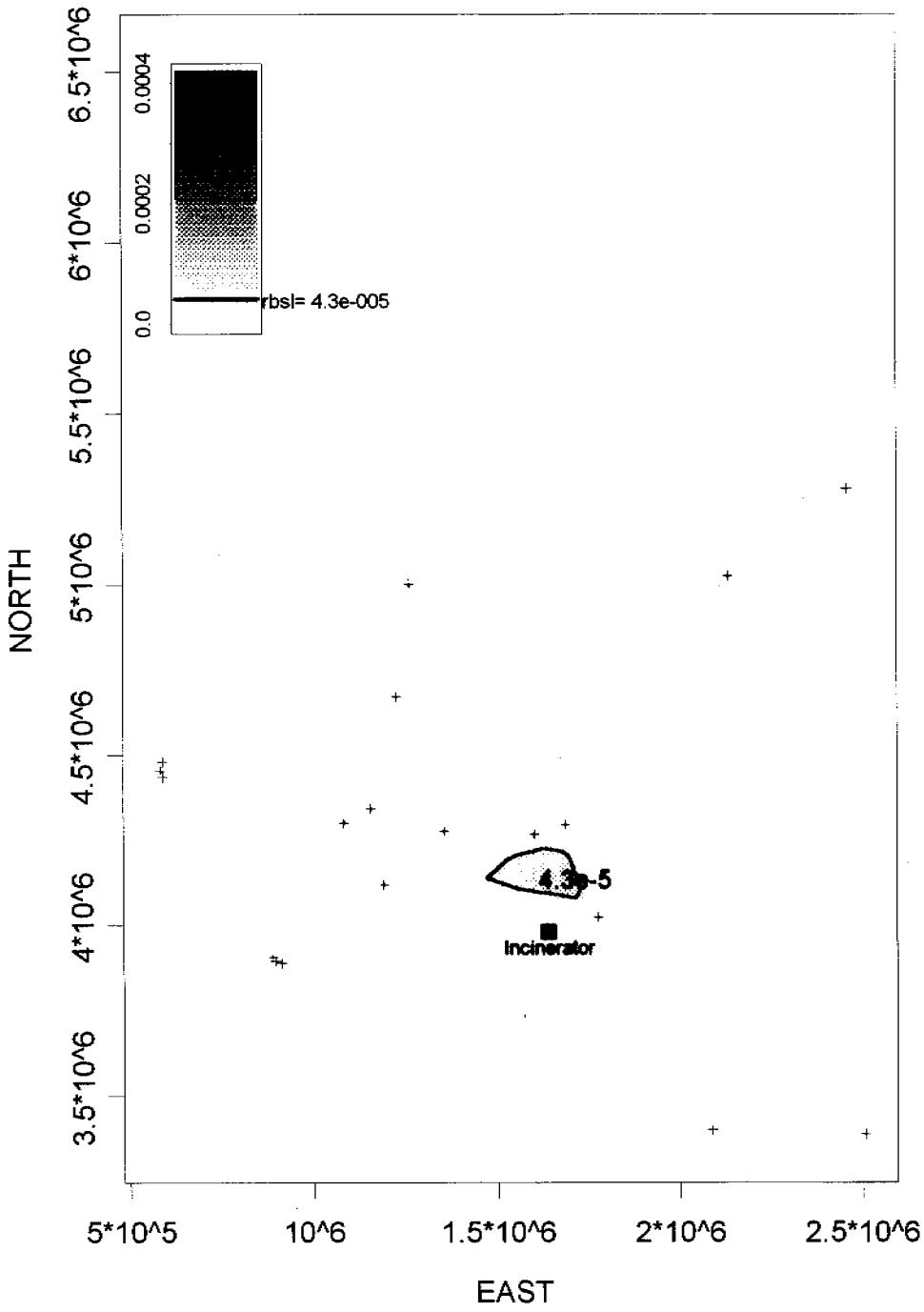

1,2,3,6,7,8-HxCDF in Surface
0.0004
0.0002
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
4.3e-5
4.3e-5
4.3e-5
4.3e-5
4.3e-5
4.3e-5
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

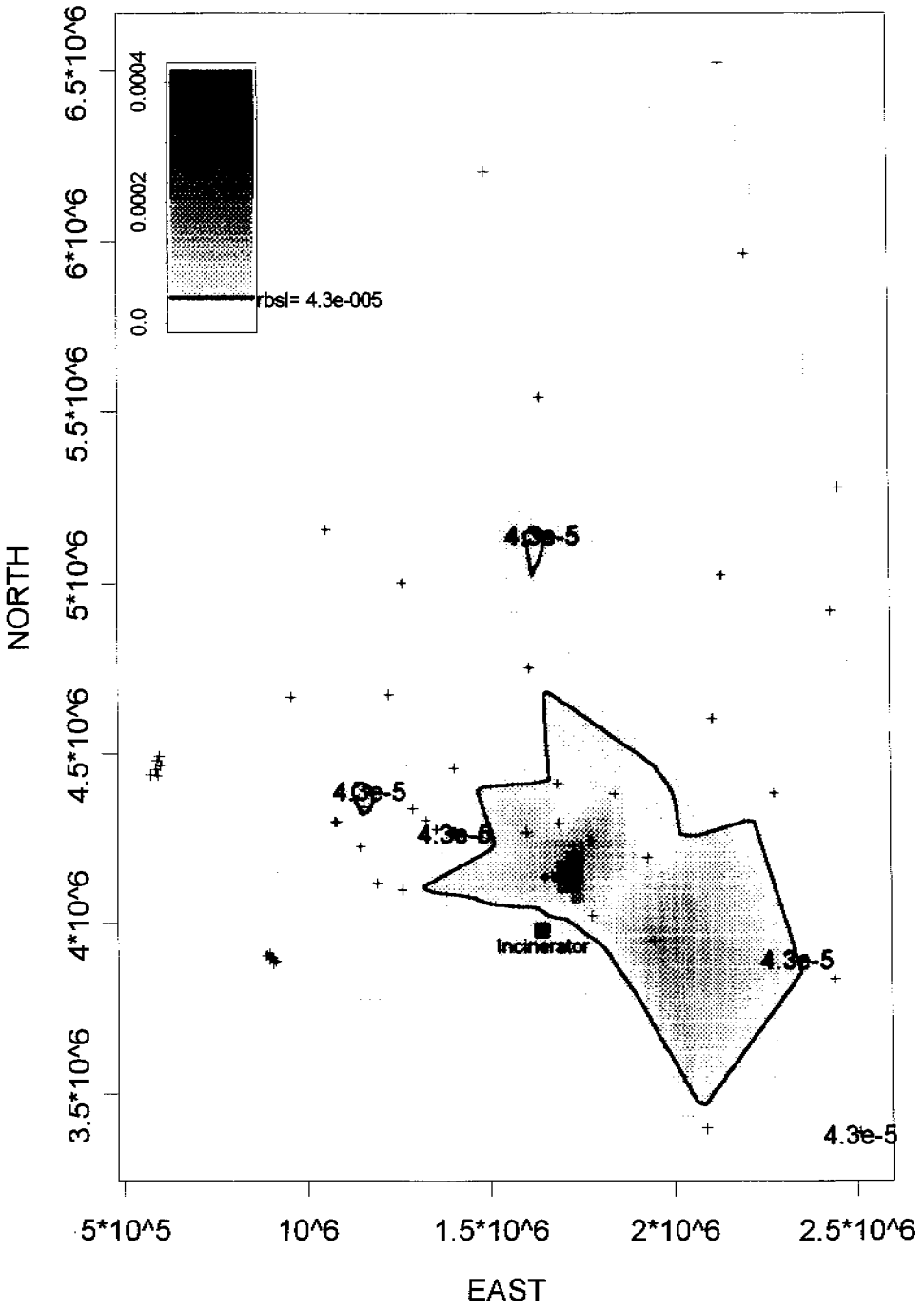

1,2,3,7,8-PeCDD in Subsurface
0.0
0.00004
0.00008
rbsl= 8.6e-006
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
8.6e-6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

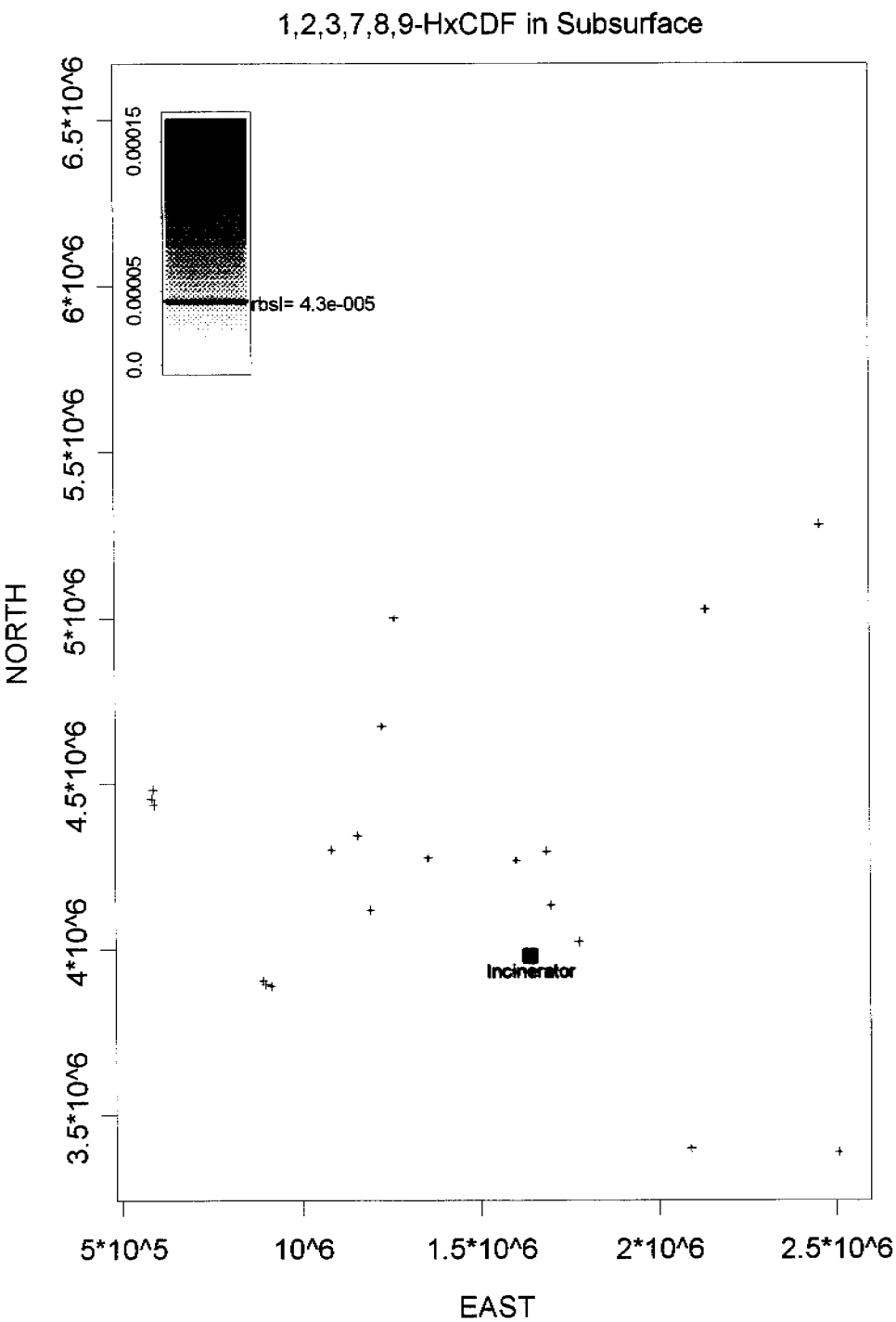

1,2,3,7,8-PeCDD in Surface
0.0
0.00004
0.00008
rbsl= 8.6e-006
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
8.6e-6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

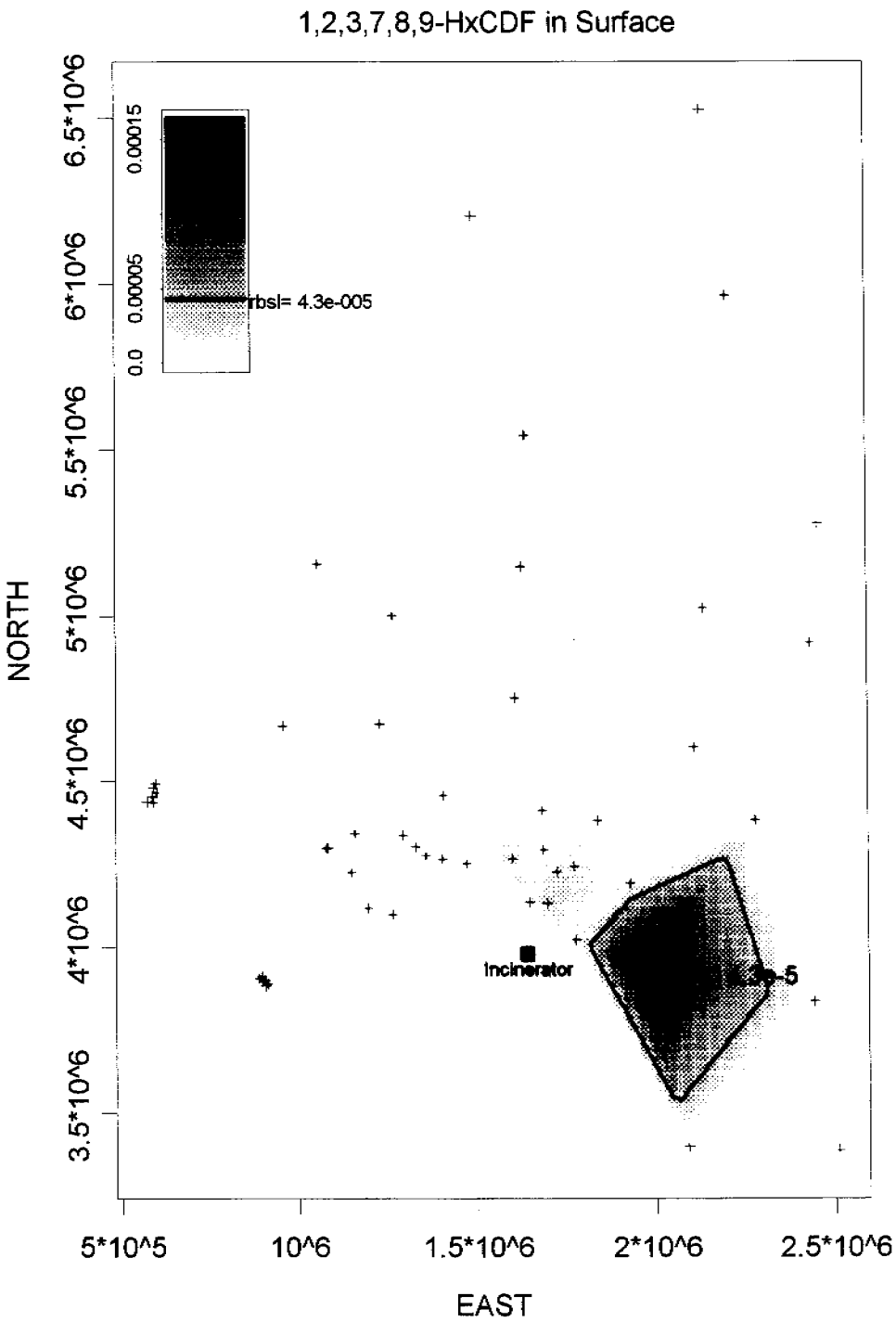

1,2,3,7,8-PeCDF in Subsurface
0.0
0.0002
0.0005
rbsl= 8.6e-005
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

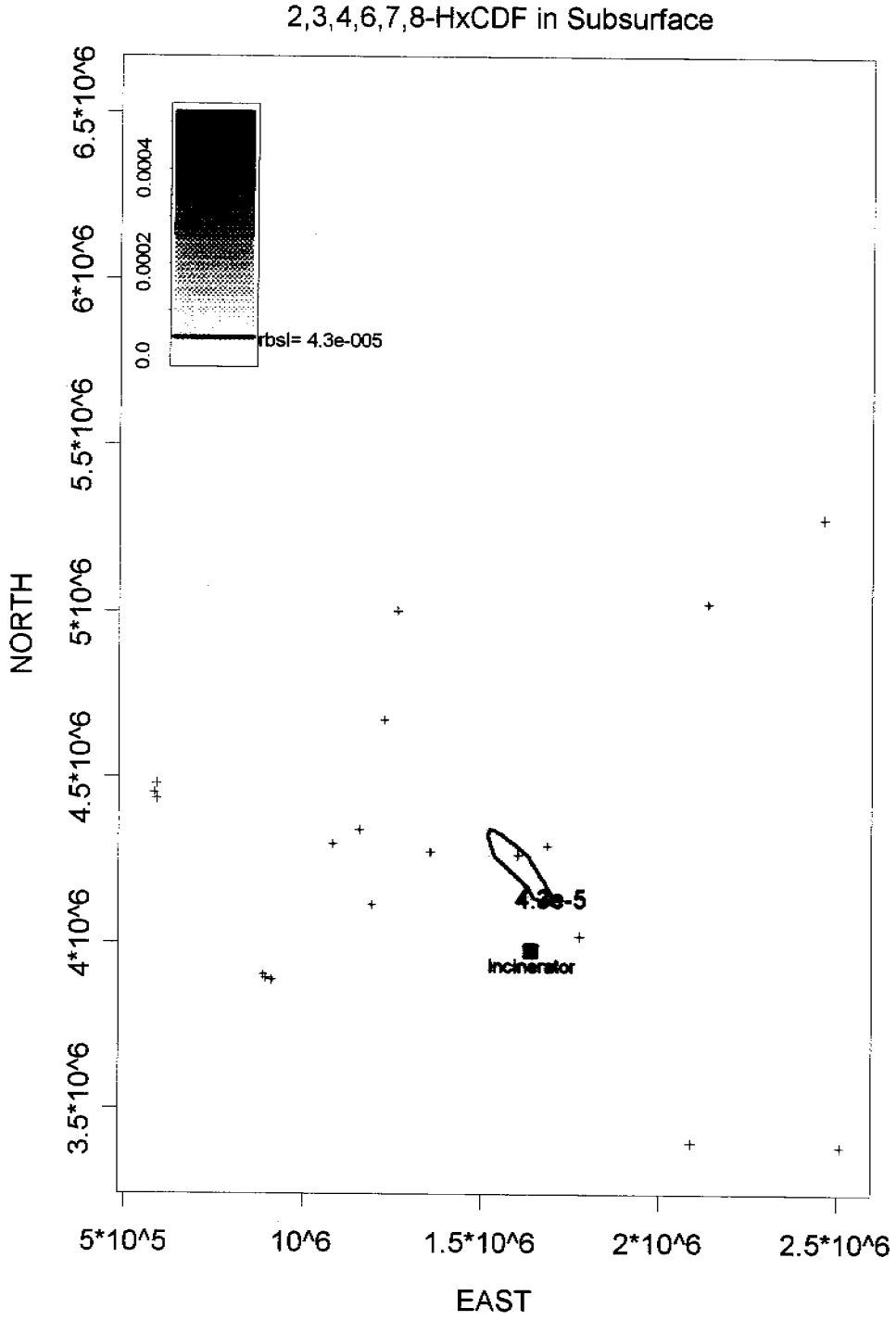

1,2,3,7,8-PeCDF in Surface
0.0
0.0002
0.0005
rbsl= 8.6e-005
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
8.6e-5
8.6e-5
Incinerator
8.6e-5
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

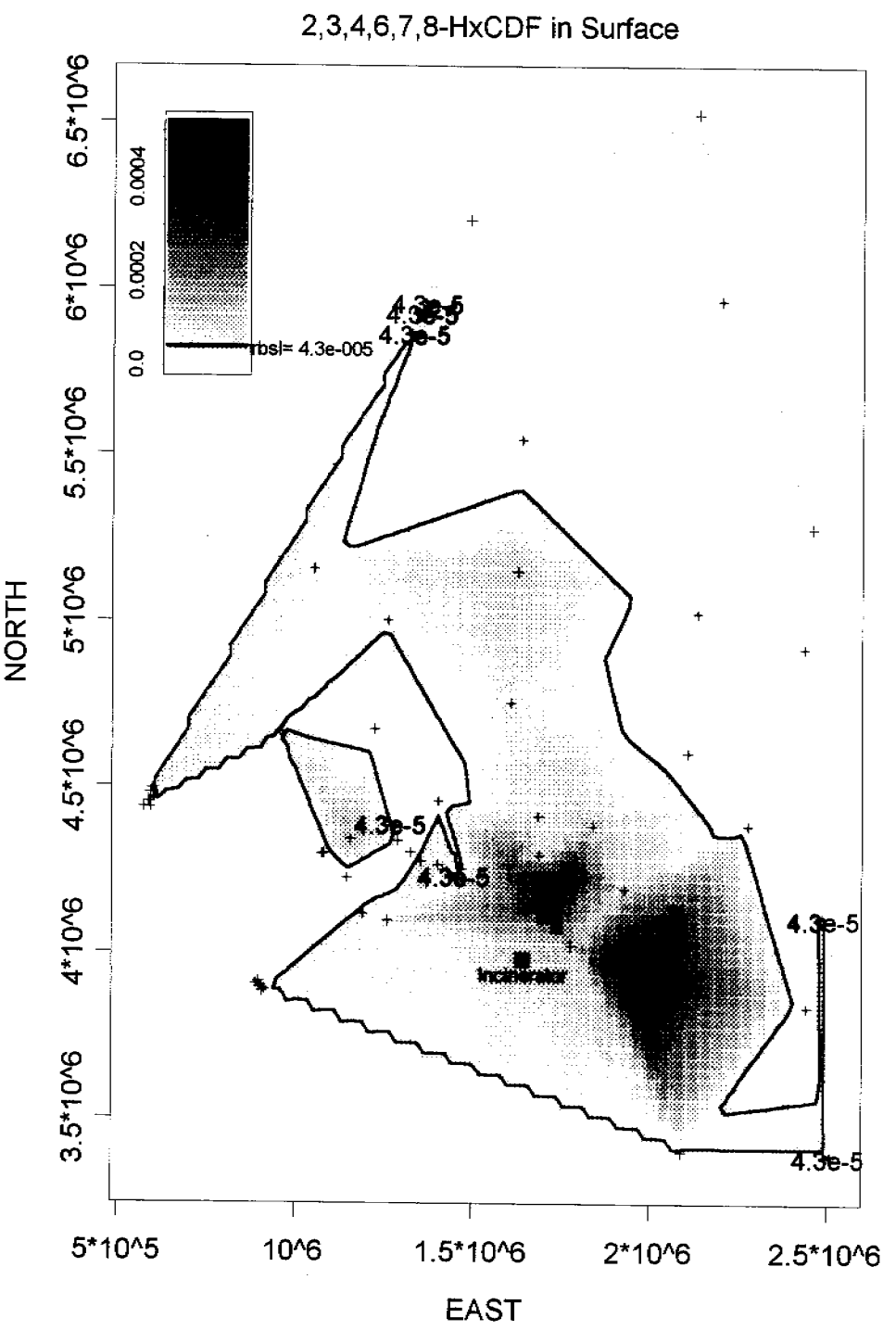

1,2,3,7,8,9-HxCDD in Subsurface
0.0004
0.0002
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

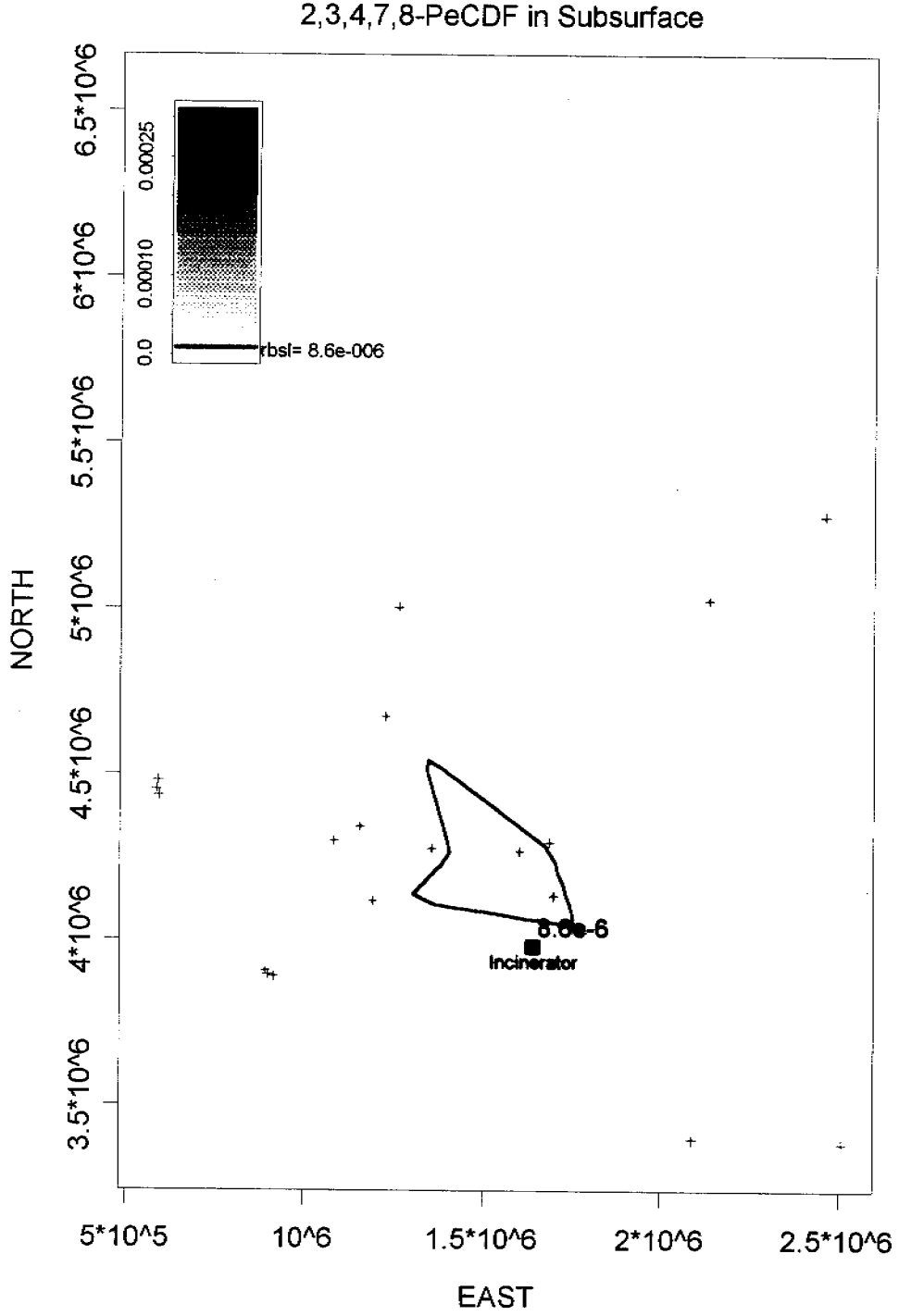

1,2,3,7,8,9-HxCDD in Surface
0.0004
0.0002
0.0
rbsl= 4.3e-005
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
4.3e-5
4.3e-5
4.3e-5
Incinerator
4.3e-5
4.3e-5
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

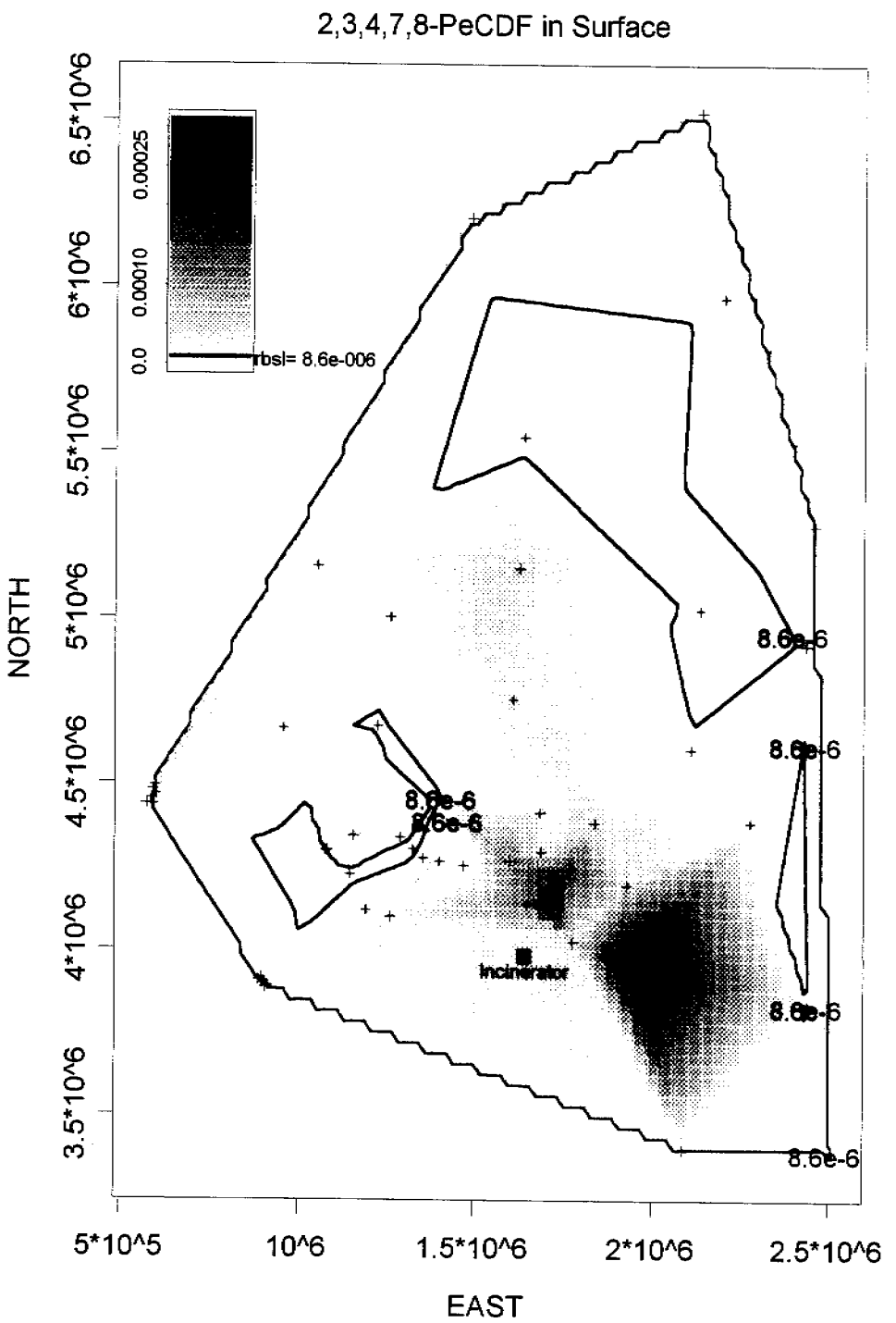

1,2,3,7,8,9-HxCDF in Subsurface
0.00015
0.00005
0.0
rbsl= 4.3e-005
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

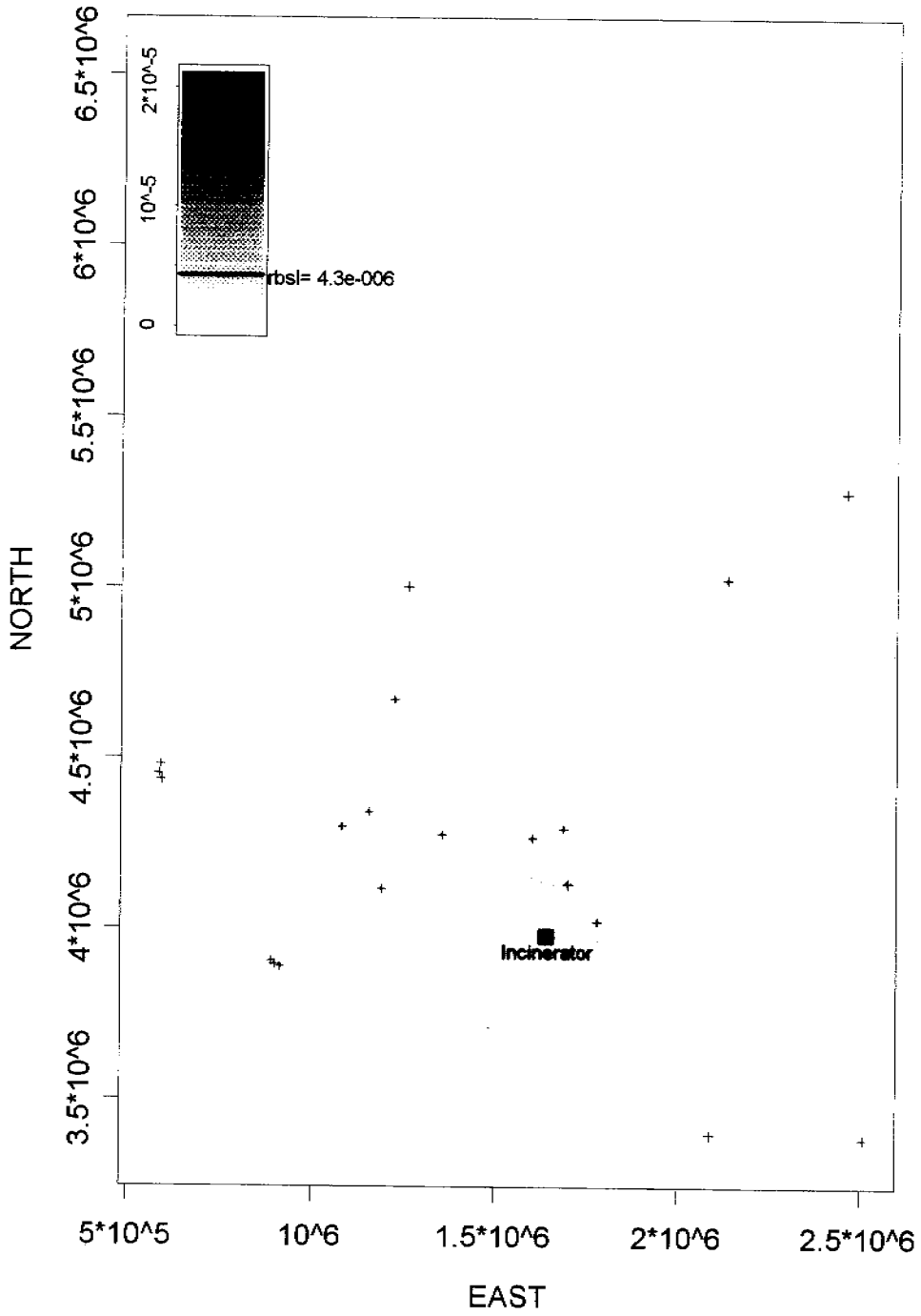

1,2,3,7,8,9-HxCDF in Surface
0.00015
0.00005
0.0
rbsl= 4.3e-005
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

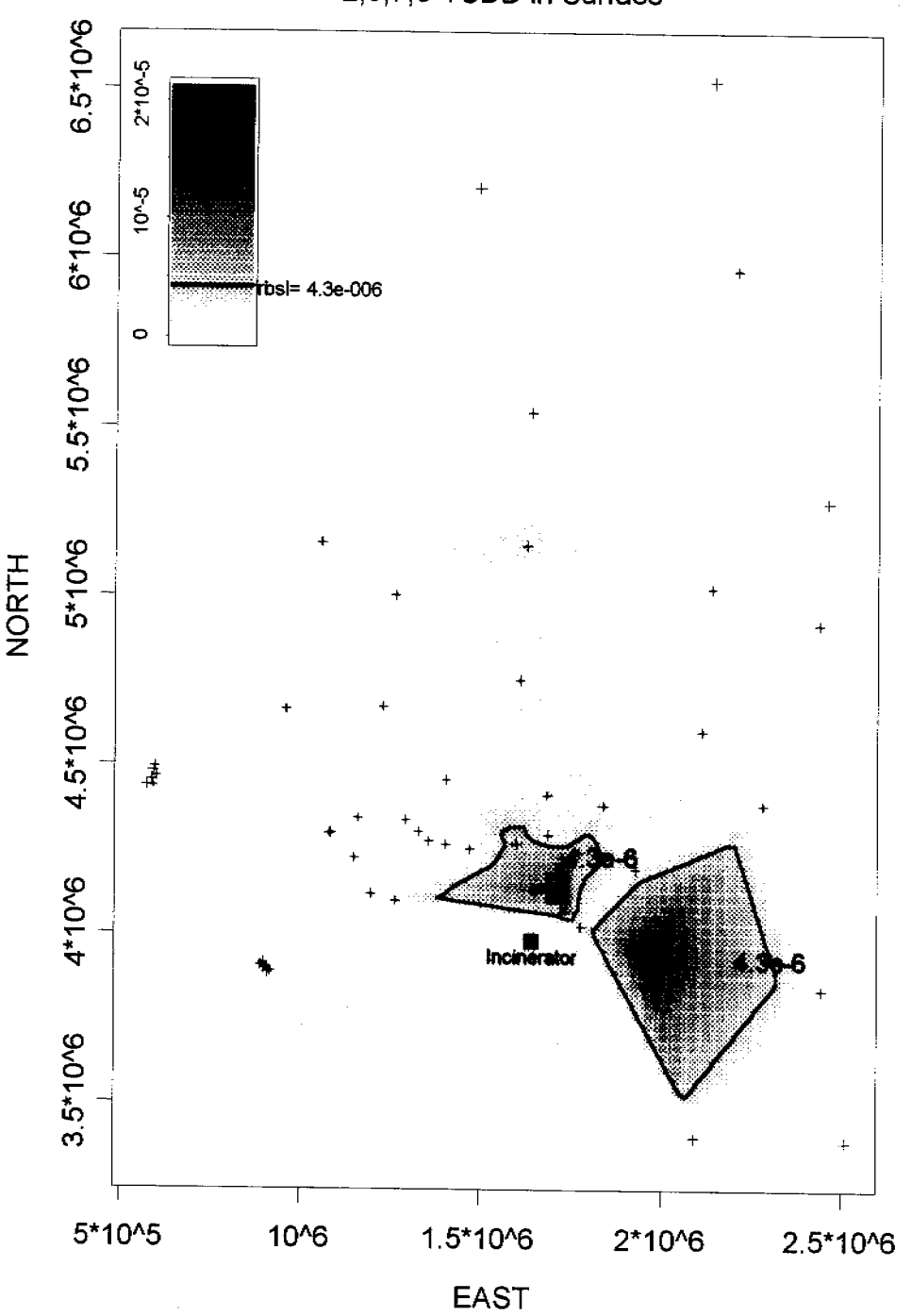

2,3,4,6,7,8-HxCDF in Subsurface
0.0
0.0002
0.0004
rbsl= 4.3e-005
4.3e-5
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

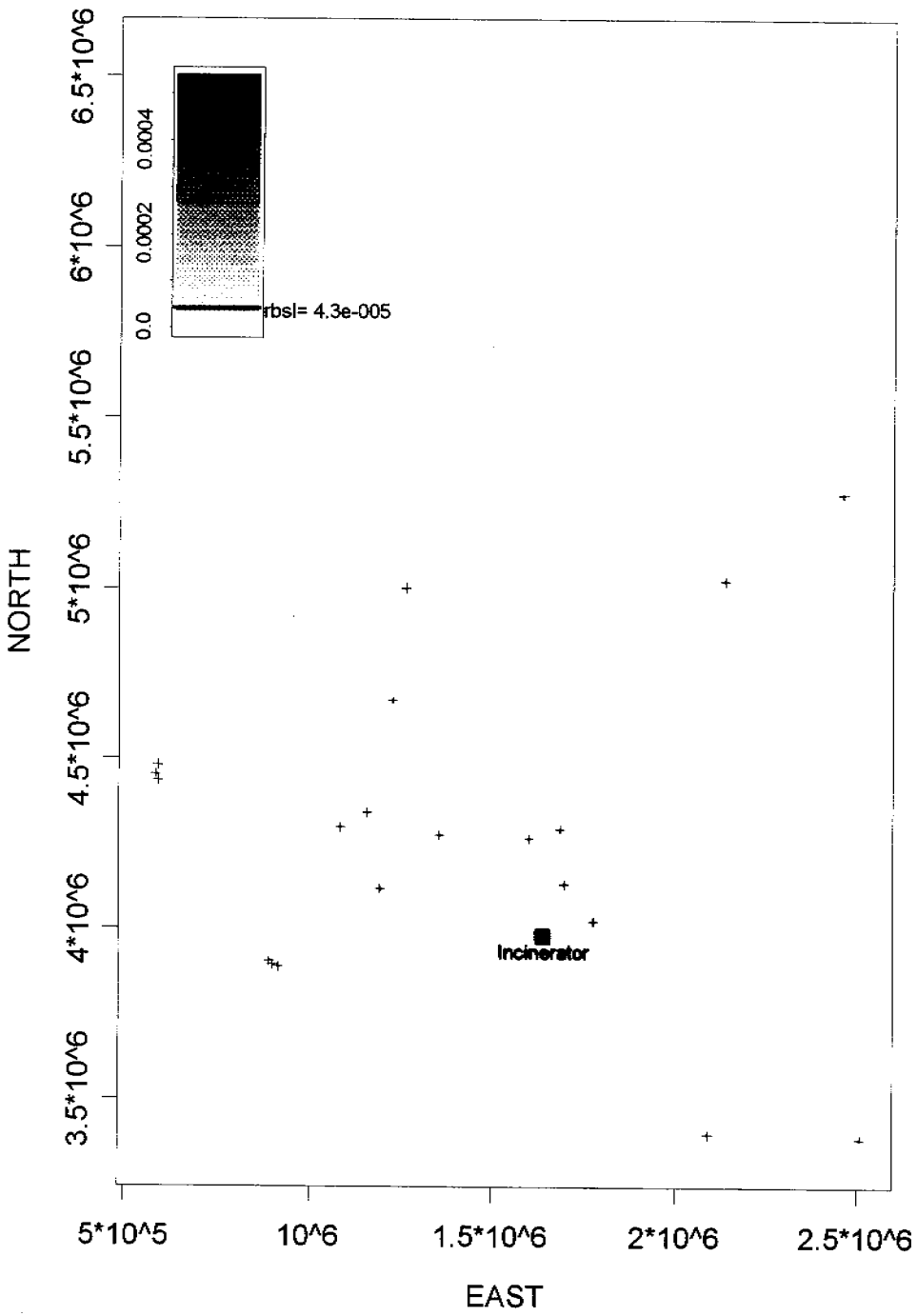

2,3,4,6,7,8-HxCDF in Surface
0.0
0.0002
0.0004
rbsl= 4.3e-005
4.3e-5
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

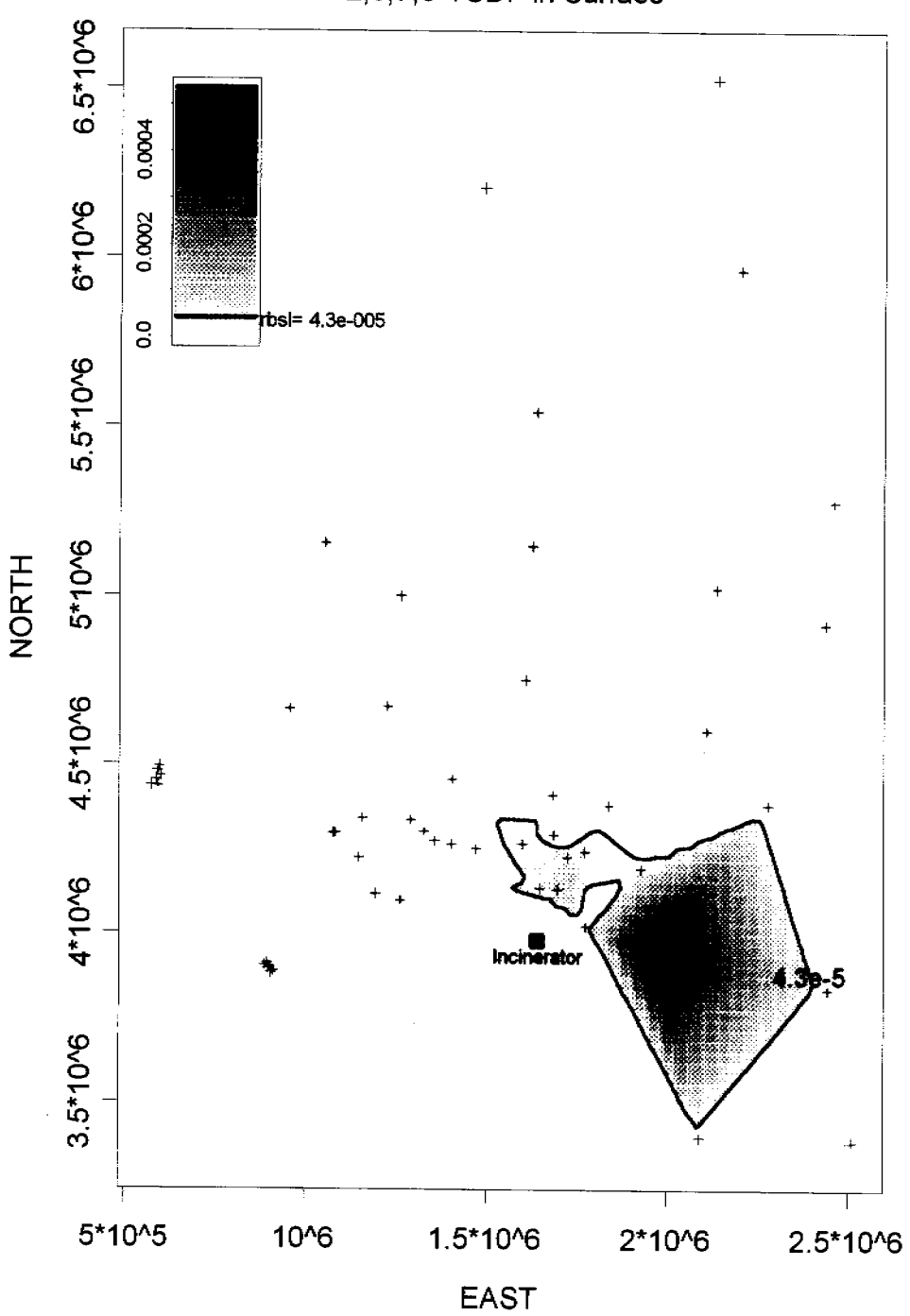

2,3,4,7,8-PeCDF in Subsurface
0.0
0.00010
0.00025
rbsl= 8.6e-006
8.6e-6
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

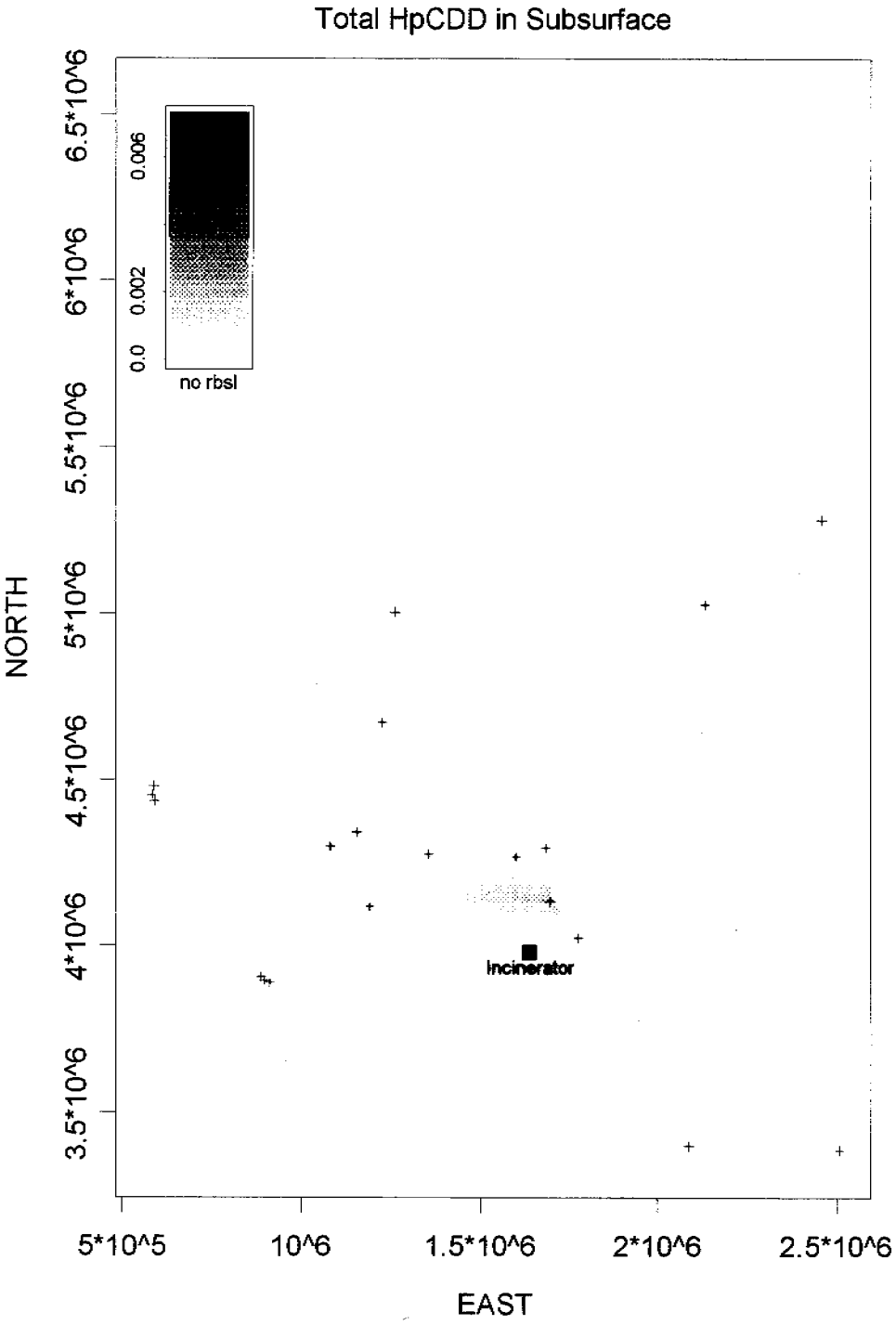

2,3,4,7,8-PeCDF in Surface
0.0
0.00010
0.00025
rbsl= 8.6e-006
8.6e-6
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

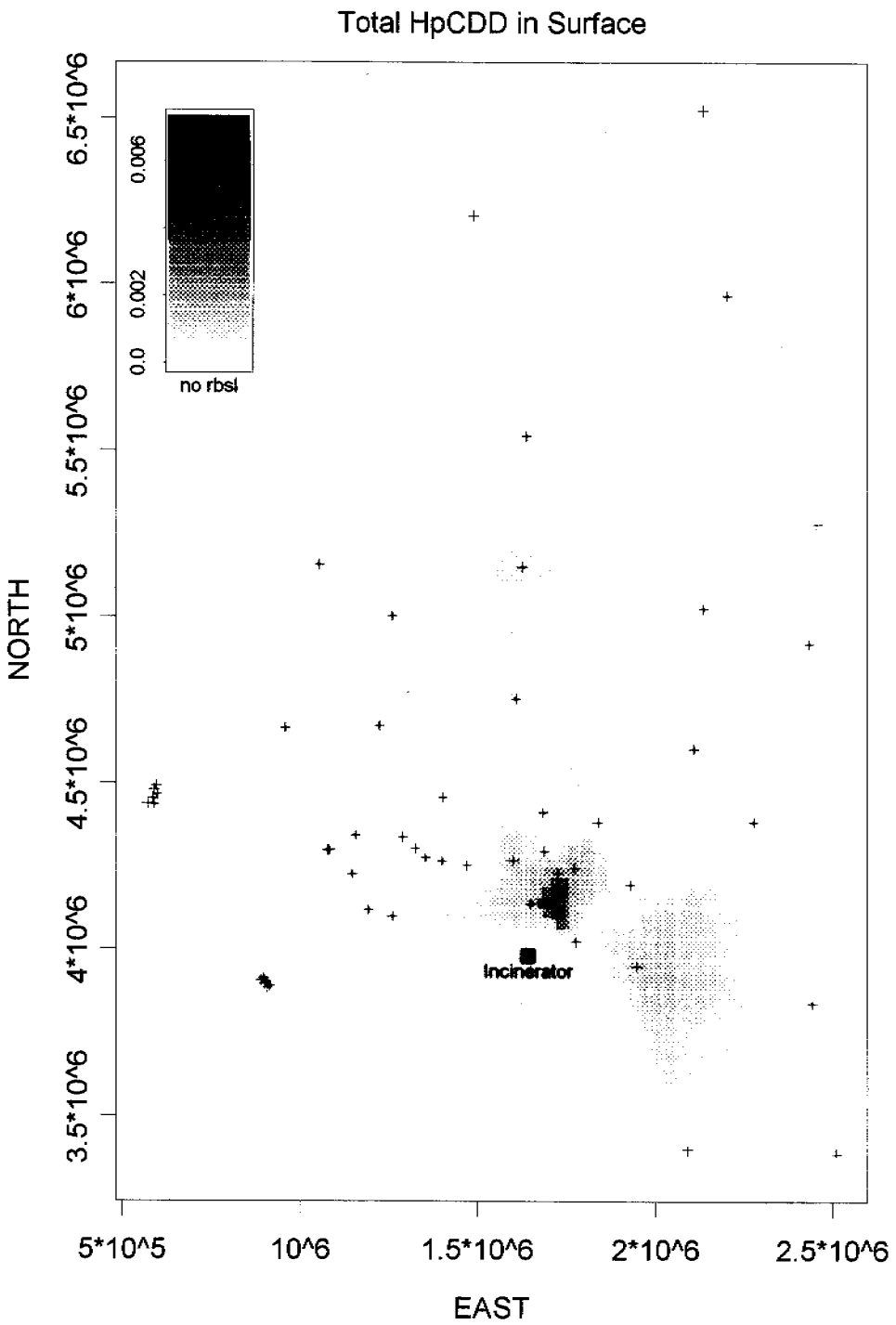

2,3,7,8-TCDD in Subsurface
2*10^-5
10^-5
0
rbsl= 4.3e-006
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

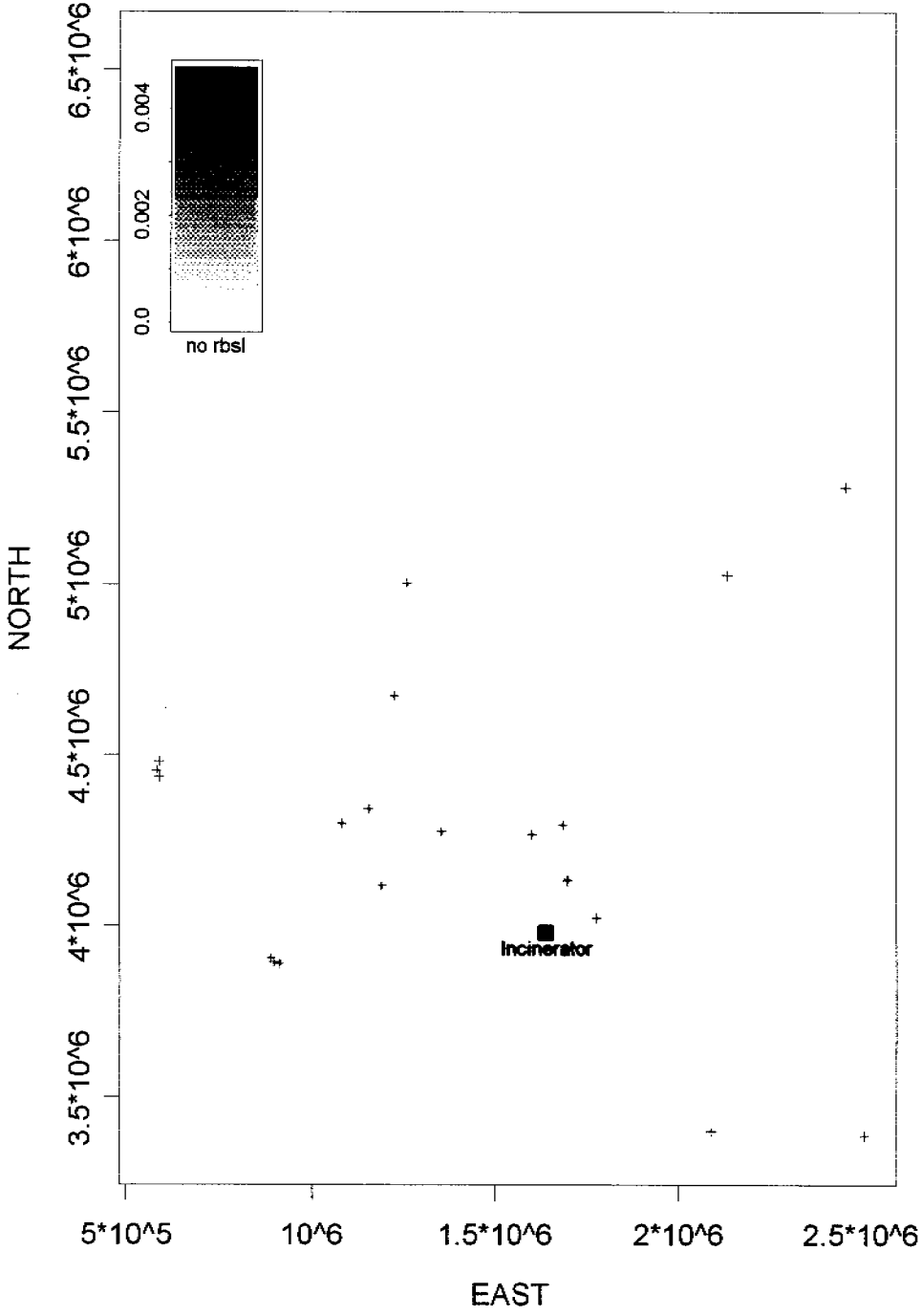

2,3,7,8-TCDD in Surface
2*10^-5
10^-5
0
rbsl= 4.3e-006
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

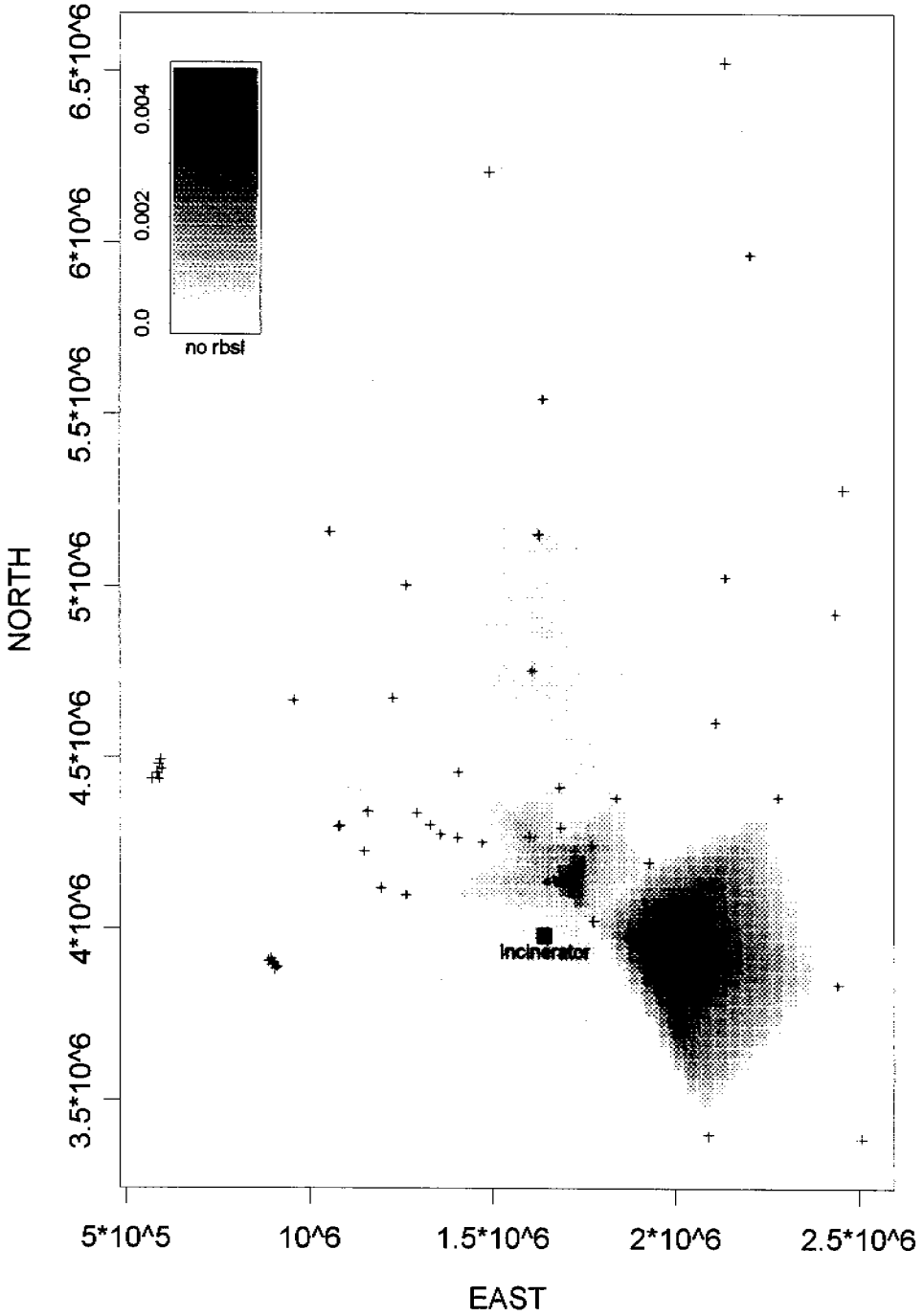

2,3,7,8-TCDF in Subsurface
0.0
0.0002
0.0004
rbsl= 4.3e-005
Incinerator
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

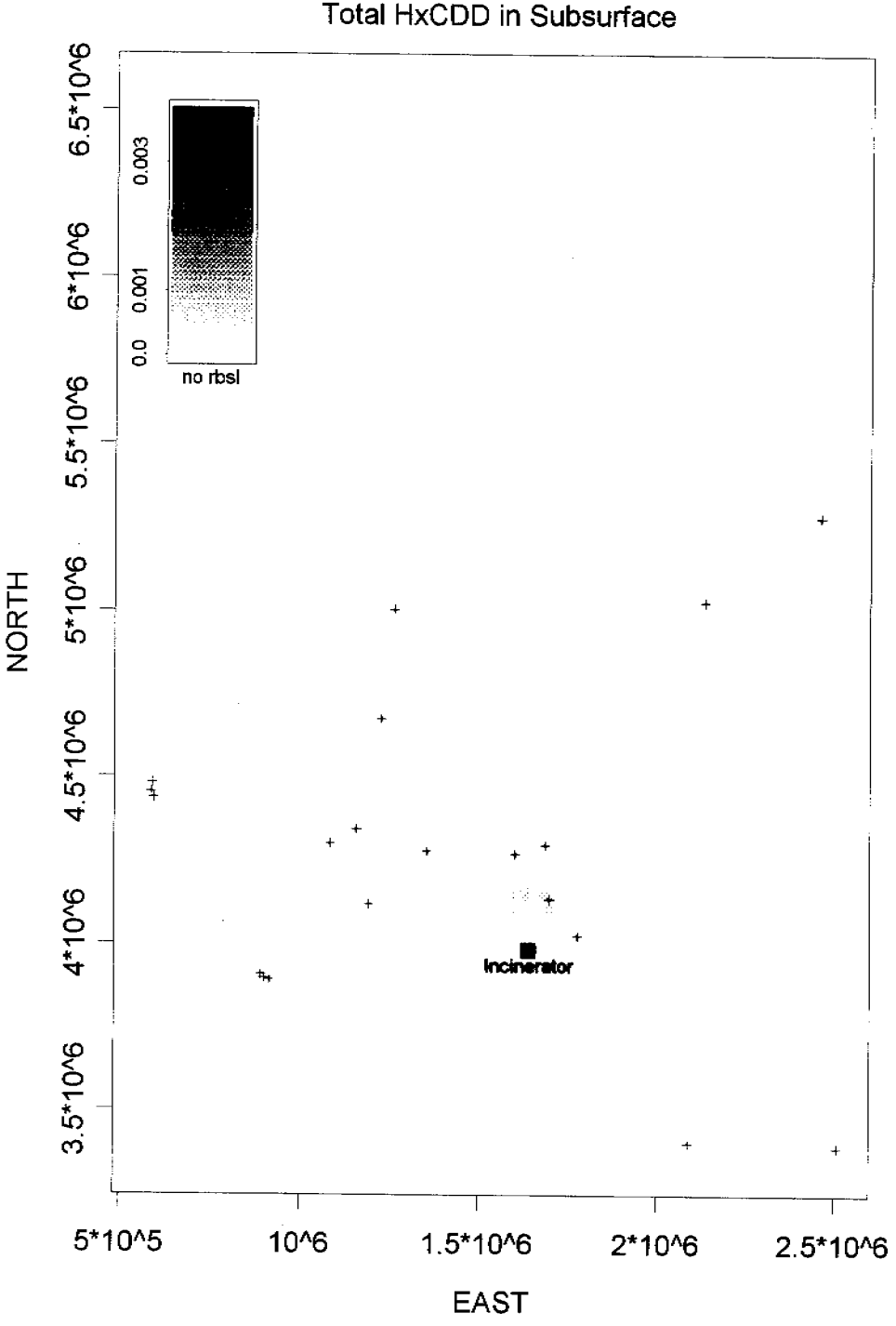

2,3,7,8-TCDF in Surface
0.0
0.0002
0.0004
rbsl= 4.3e-005
Incinerator
4.3e-5
NORTH
EAST
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

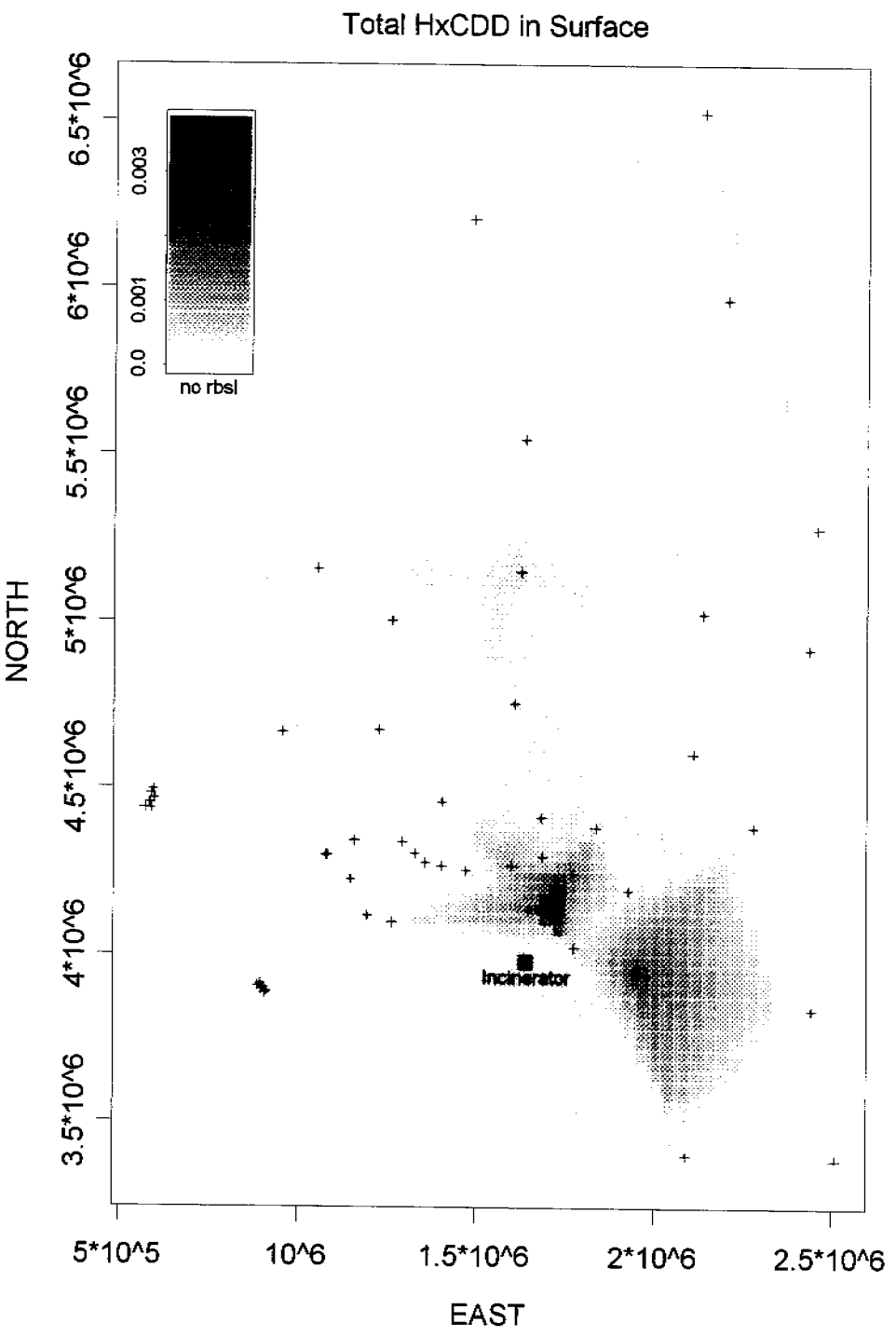

Total HpCDD in Subsurface
0.006
0.002
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

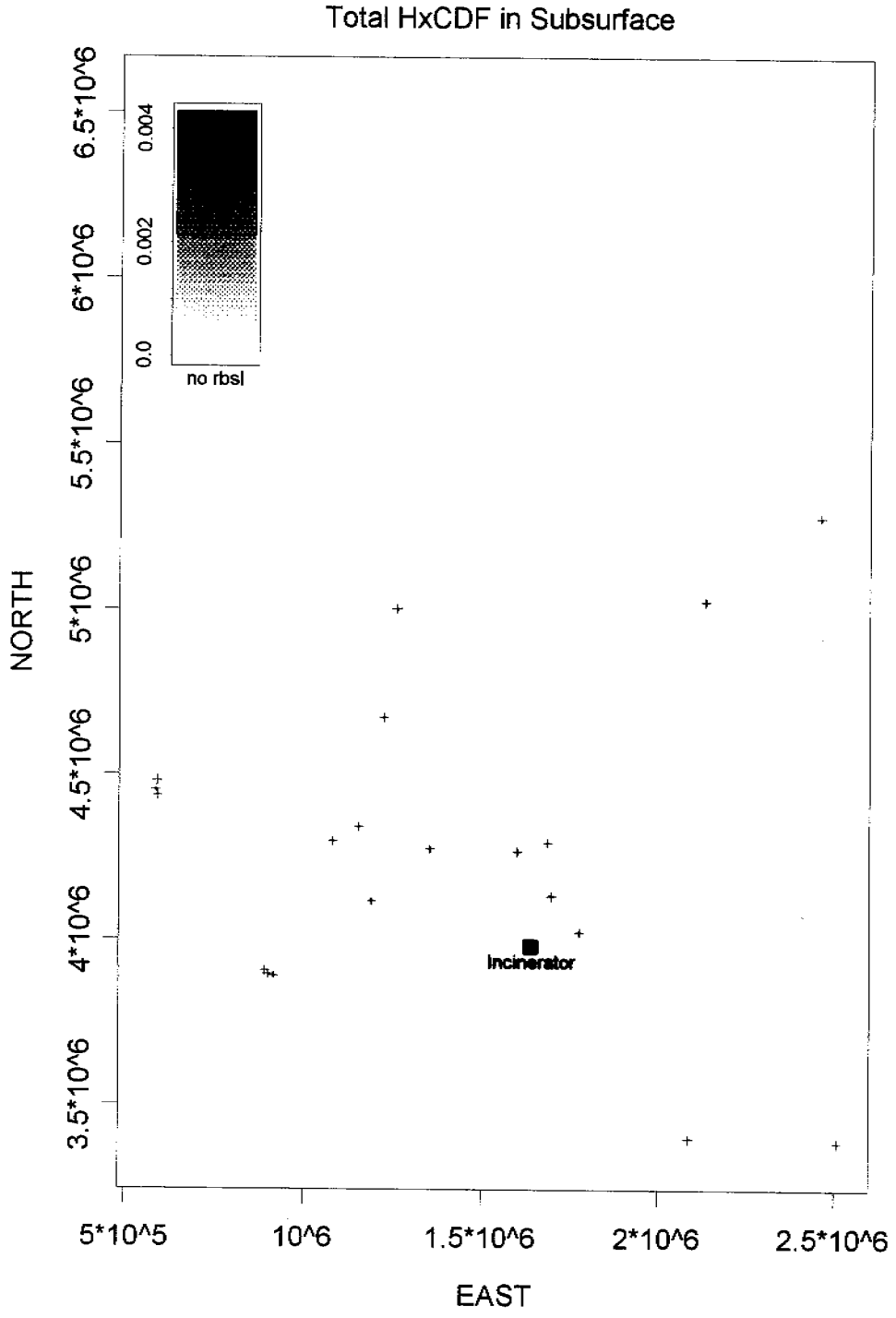

Total HpCDD in Surface
0.006
0.002
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

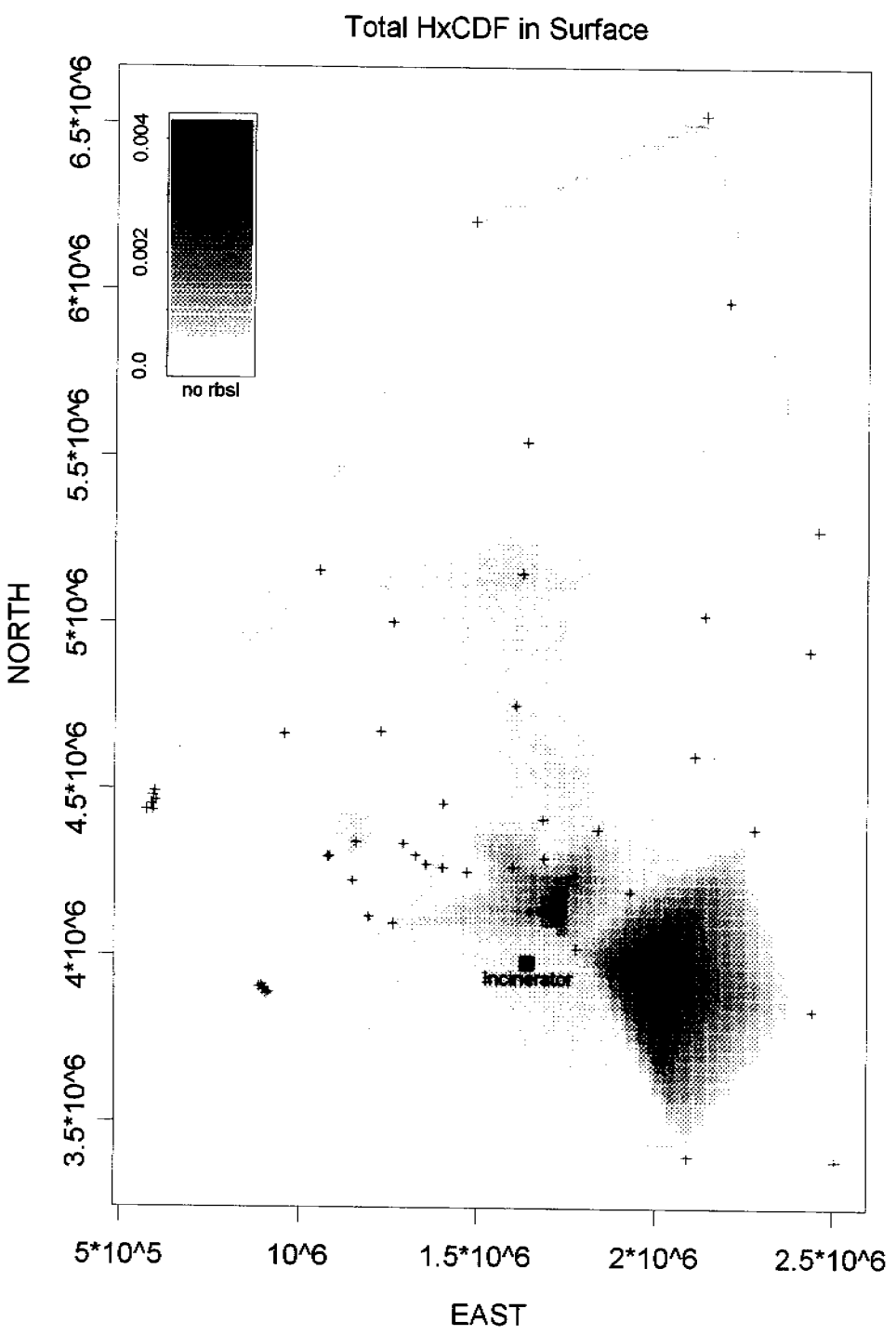

Total HpCDF in Subsurface
NORTH
EAST
0.0
0.002
0.004
no rbsl
Incinerator
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

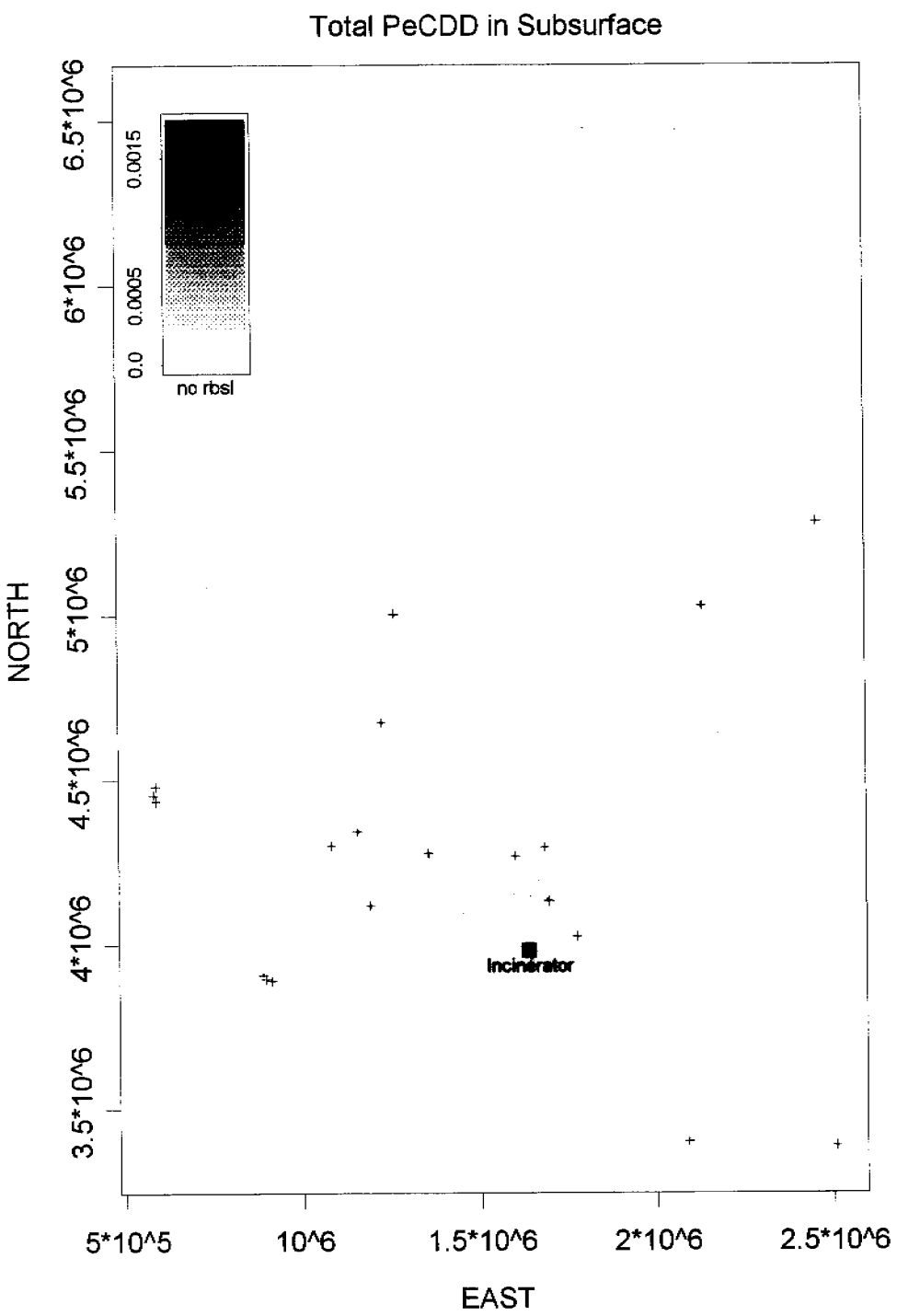

Total HpCDF in Surface
NORTH
EAST
0.0
0.002
0.004
no rbsl
Incinerator
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

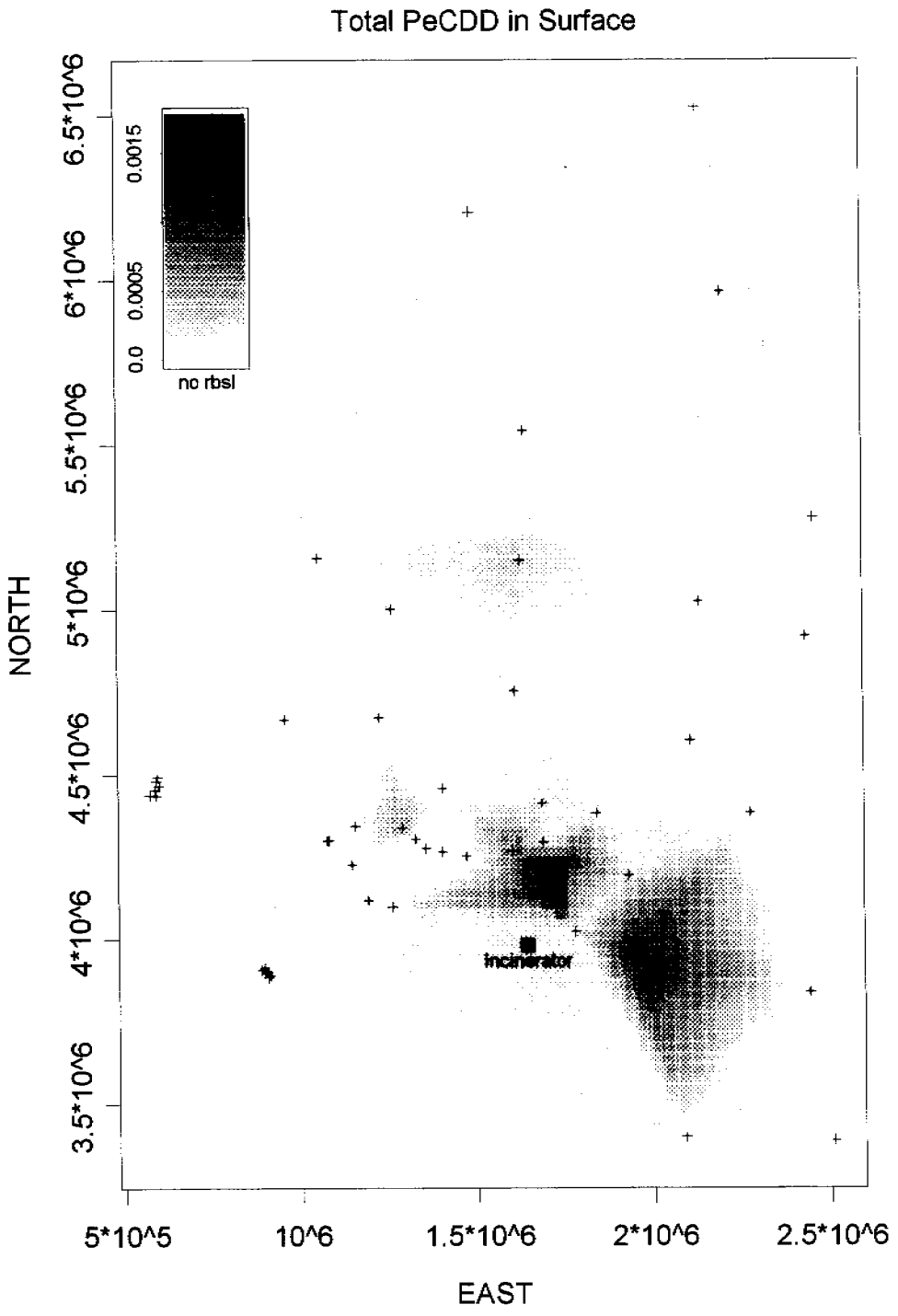

Total HxCDD in Subsurface
0.003
0.001
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

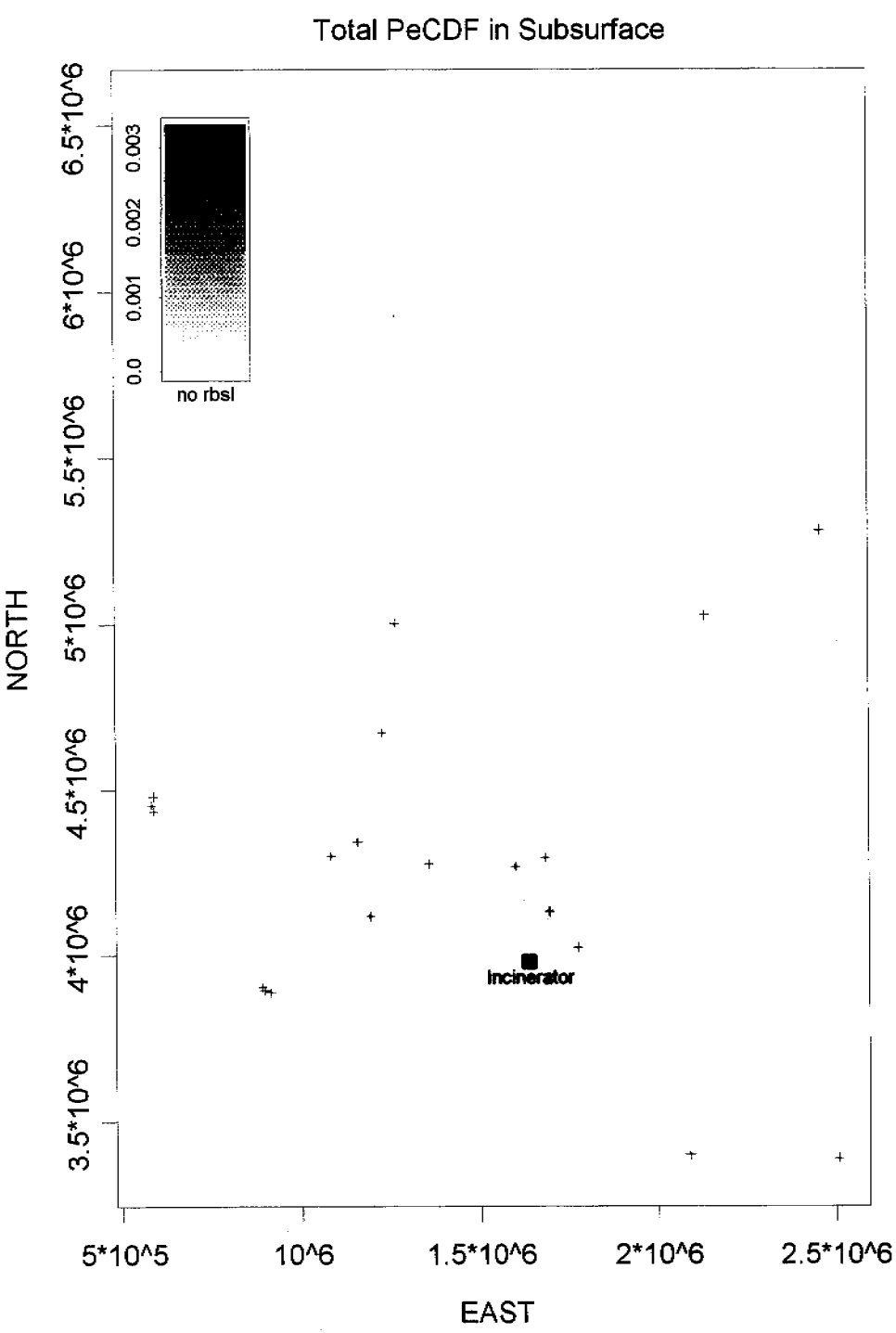

Total HxCDD in Surface
0.003
0.001
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

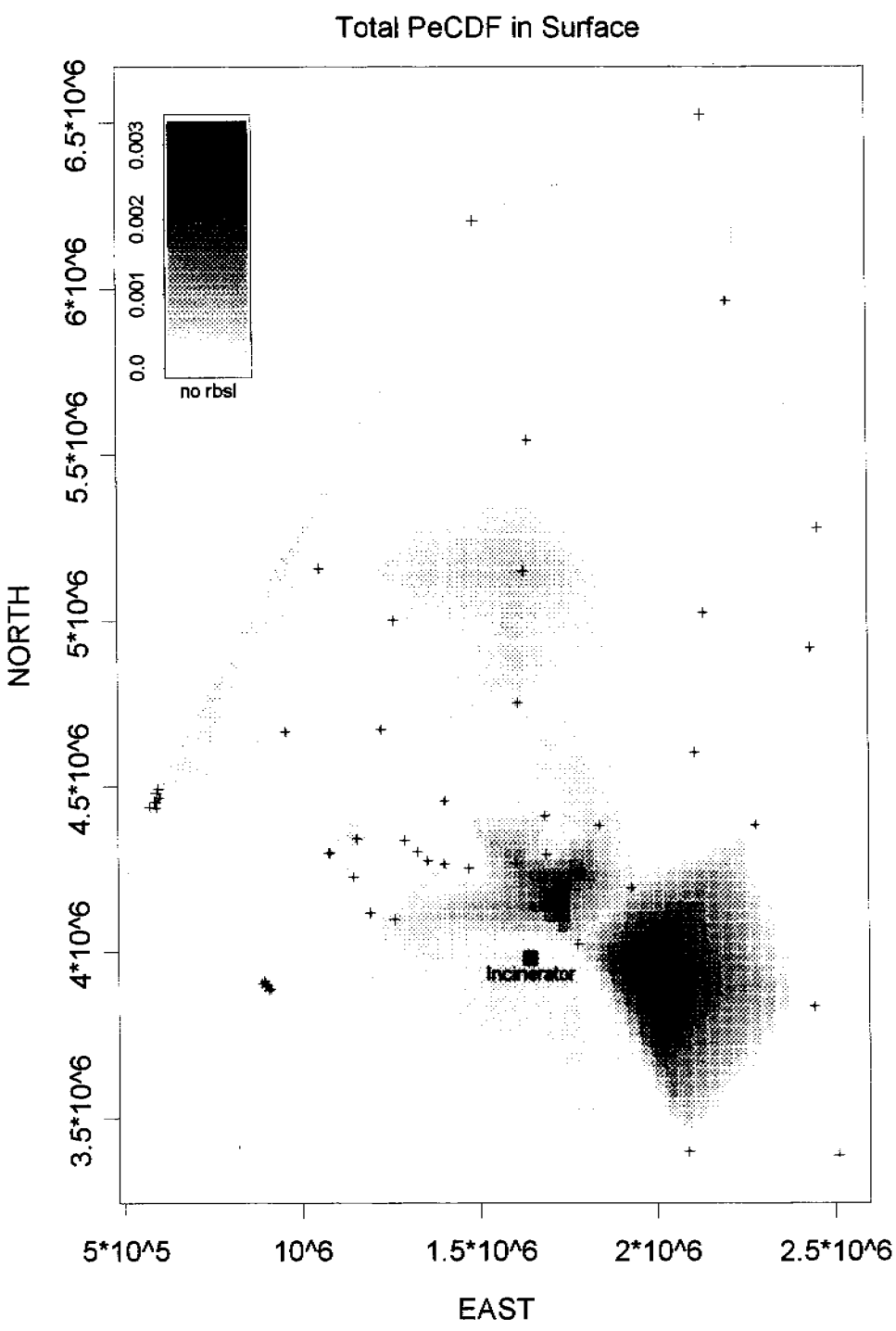

Total HxCDF in Subsurface
0.004
0.002
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

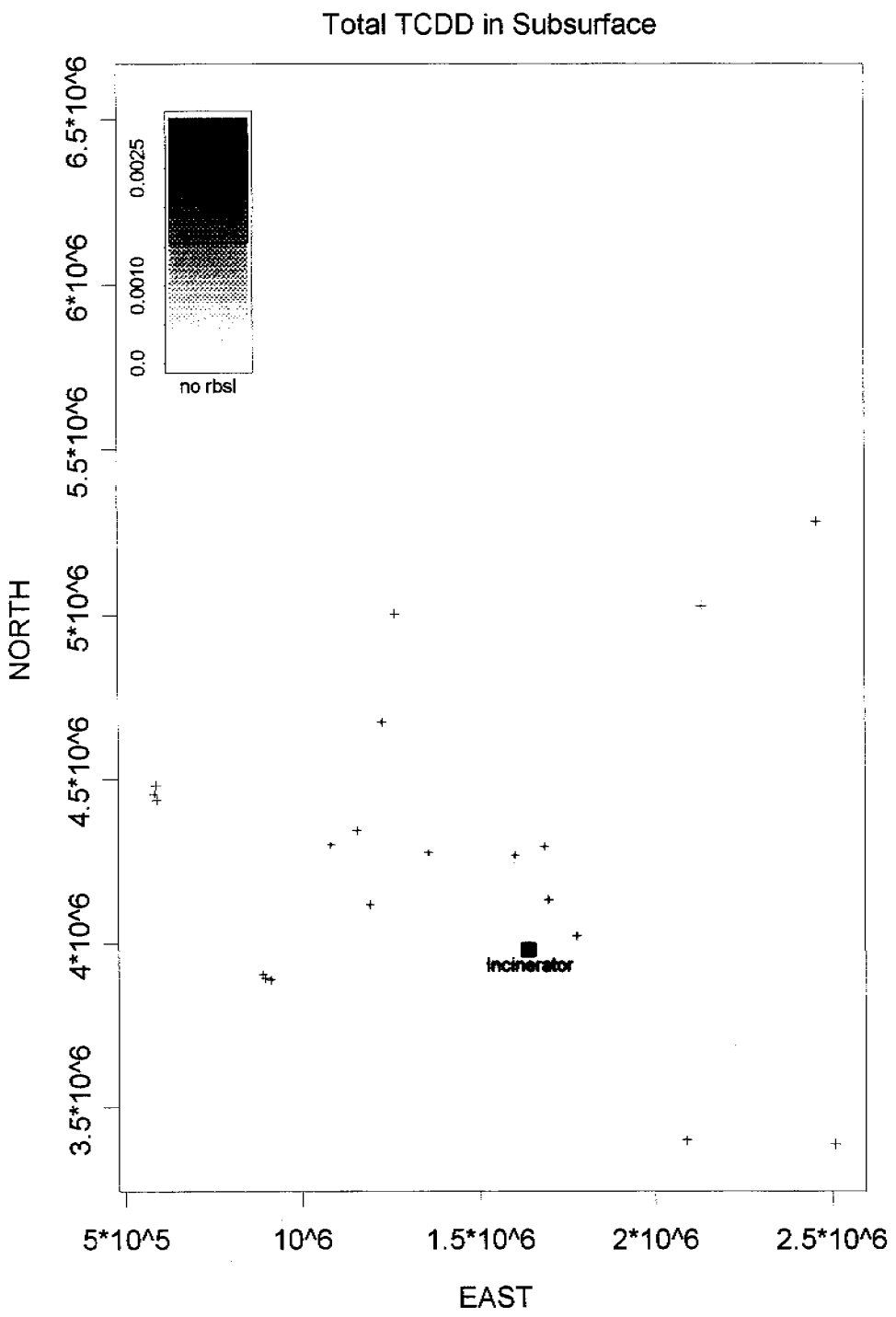

Total HxCDF in Surface
0.004
0.002
0.0
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

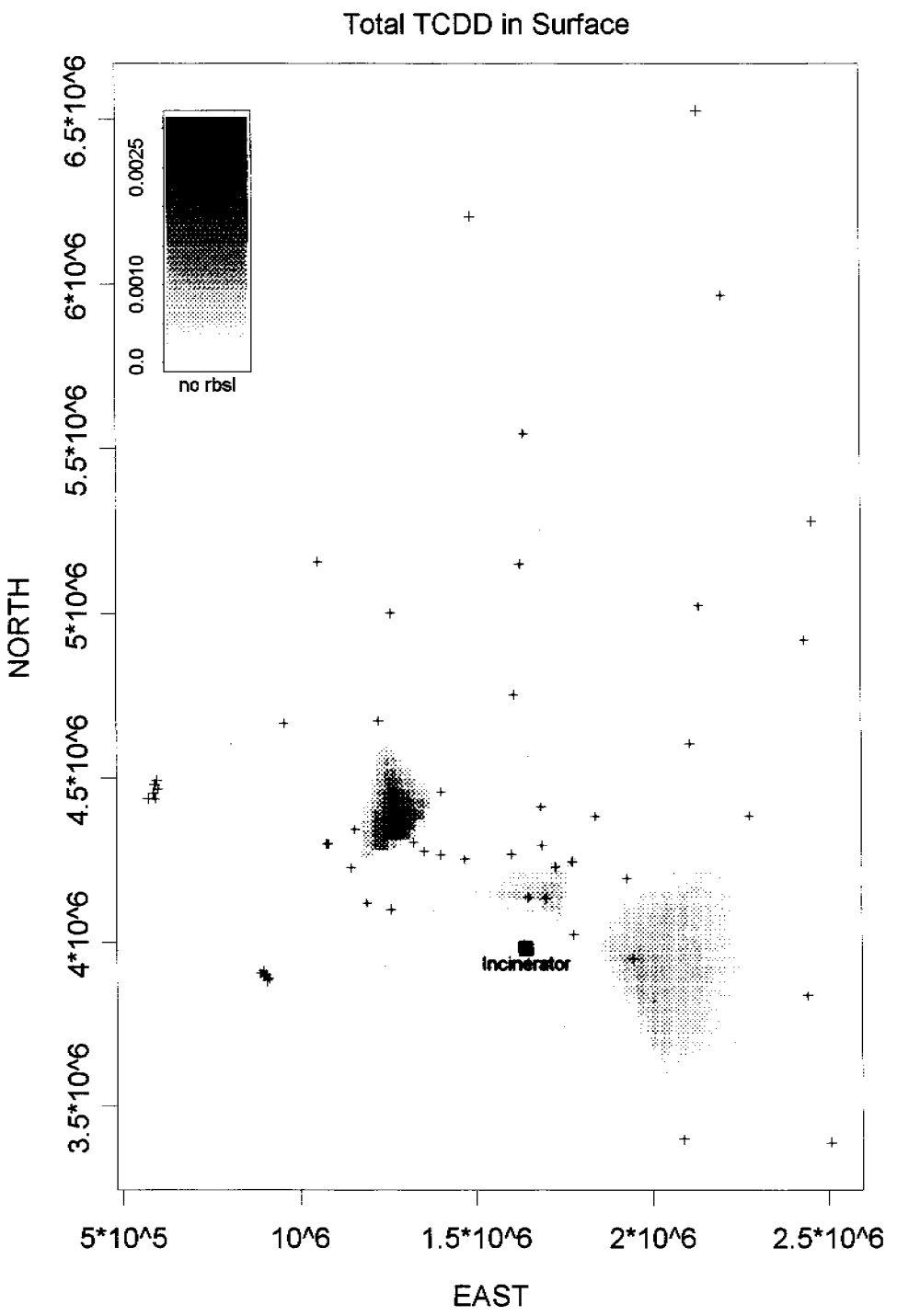

Total PeCDD in Subsurface
NORTH
EAST
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.0015
0.0005
0.0
no rbsl
Incinerator

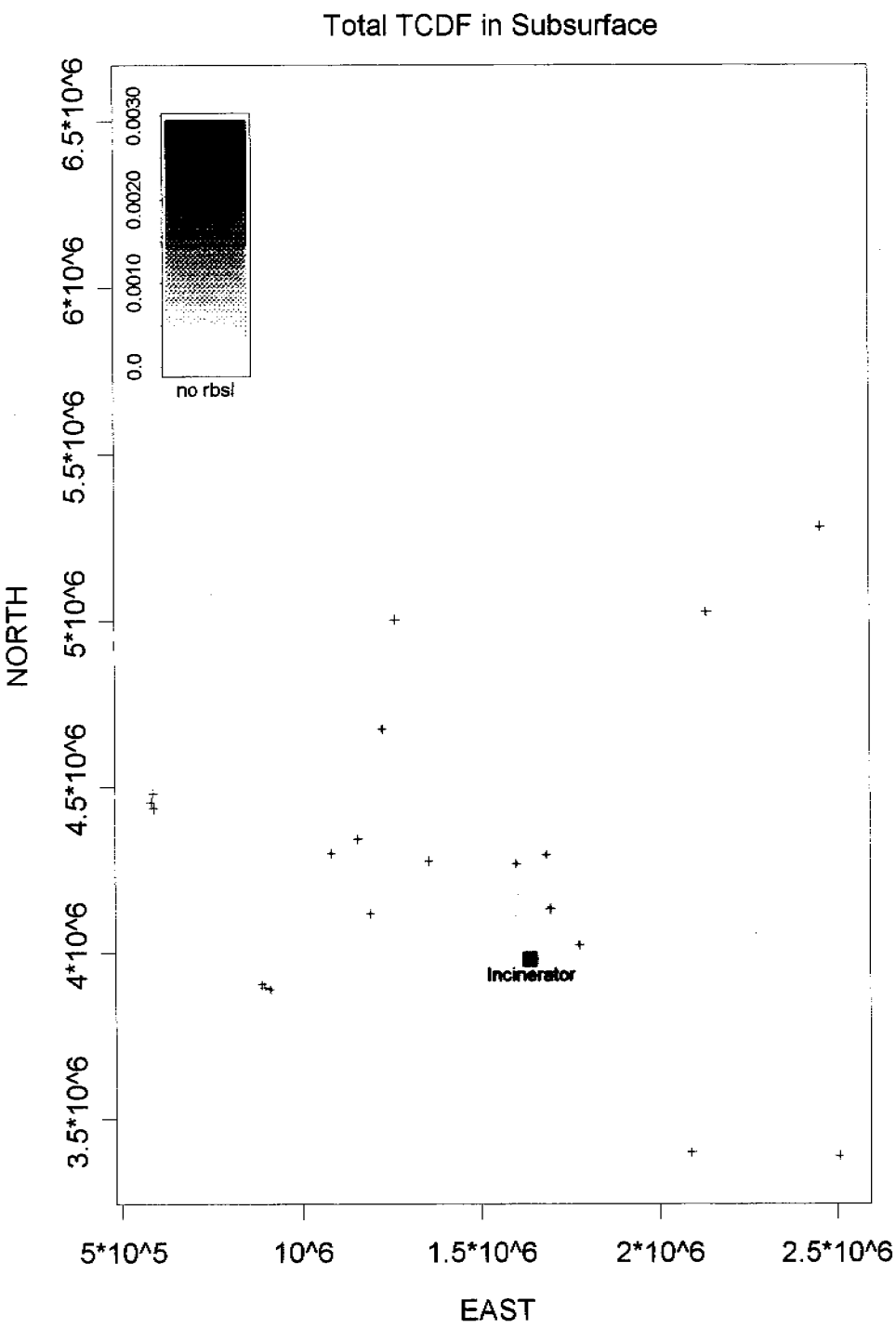

Total PeCDD in Surface
NORTH
EAST
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.0015
0.0005
0.0
no rbsl
Incinerator

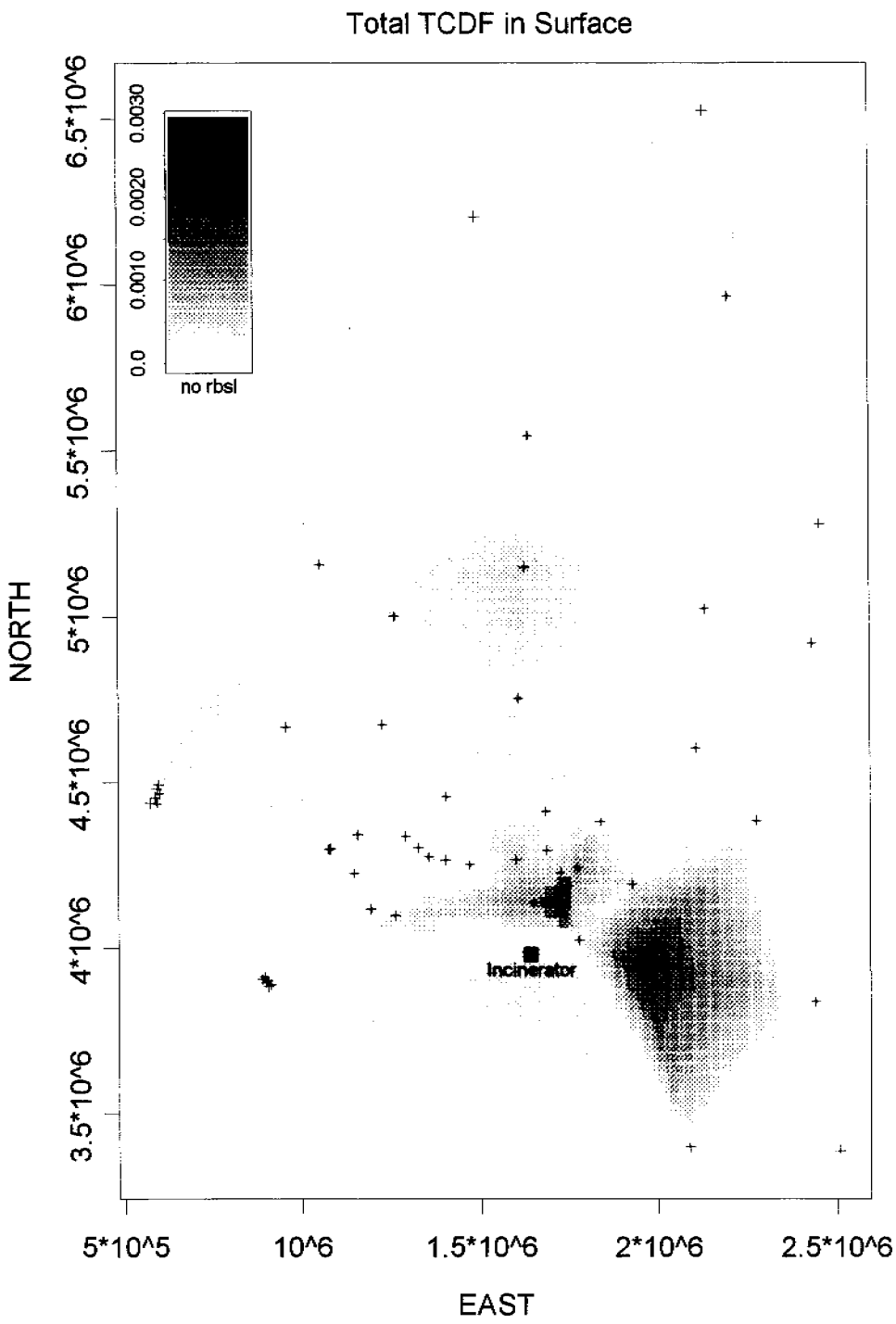

Total PeCDF in Subsurface
NORTH
EAST
0.0
0.001
0.002
0.003
no rbsl
Incinerator
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

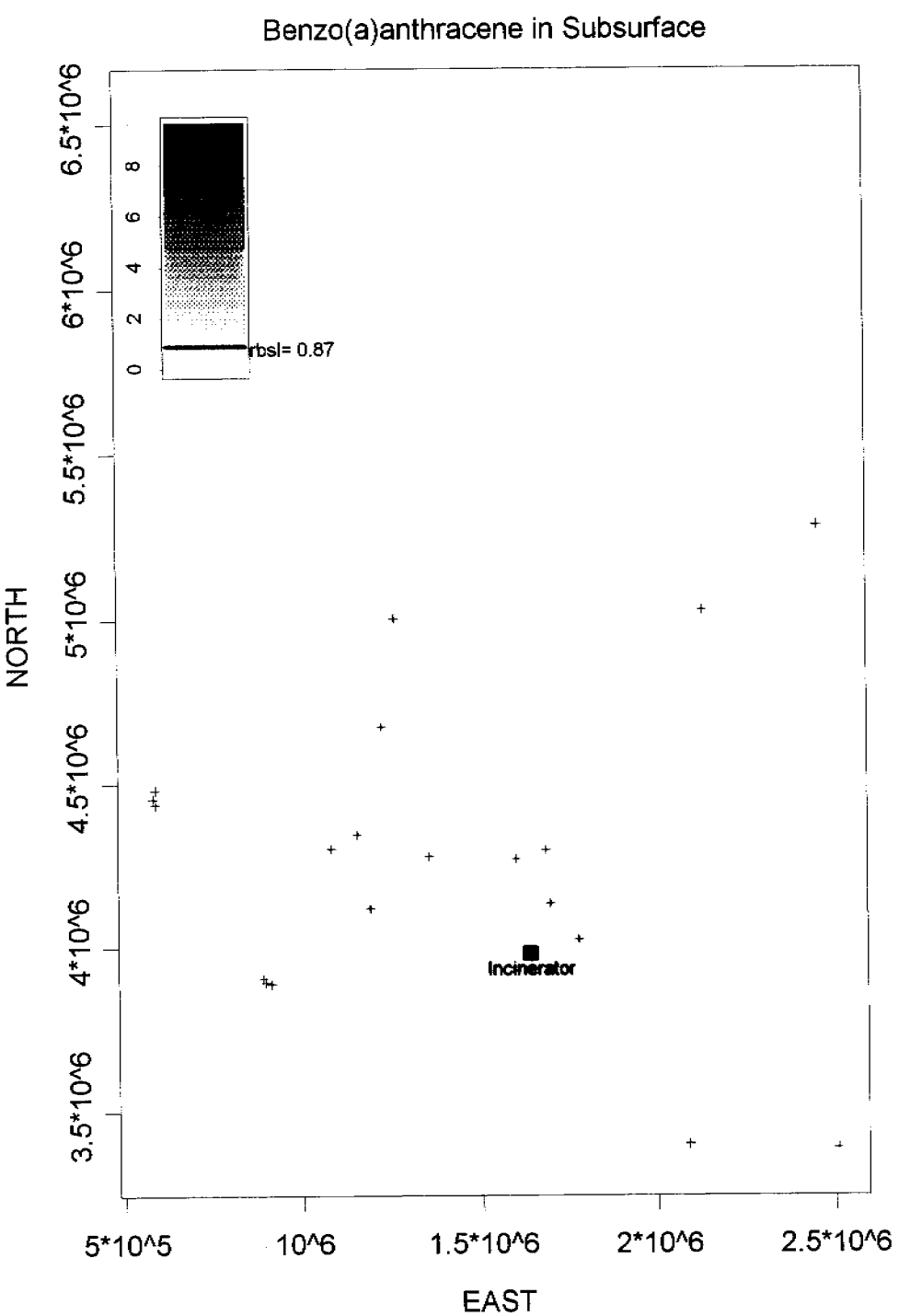

Total PeCDF in Surface
NORTH
EAST
0.0
0.001
0.002
0.003
no rbsl
Incinerator
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6

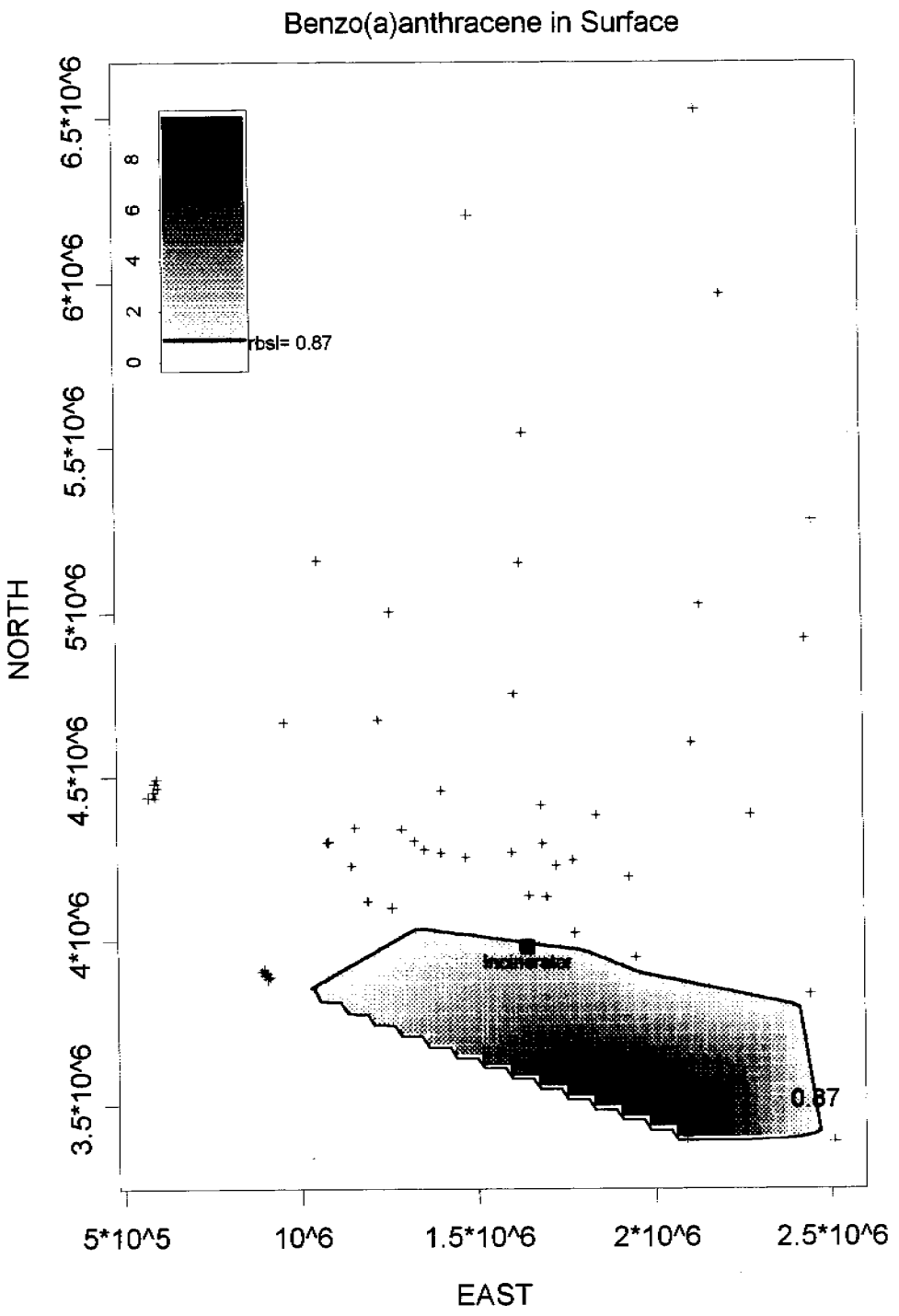

Total TCDD in Subsurface
0.0
0.0010
0.0025
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST


Total TCDD in Surface
0.0
0.0010
0.0025
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

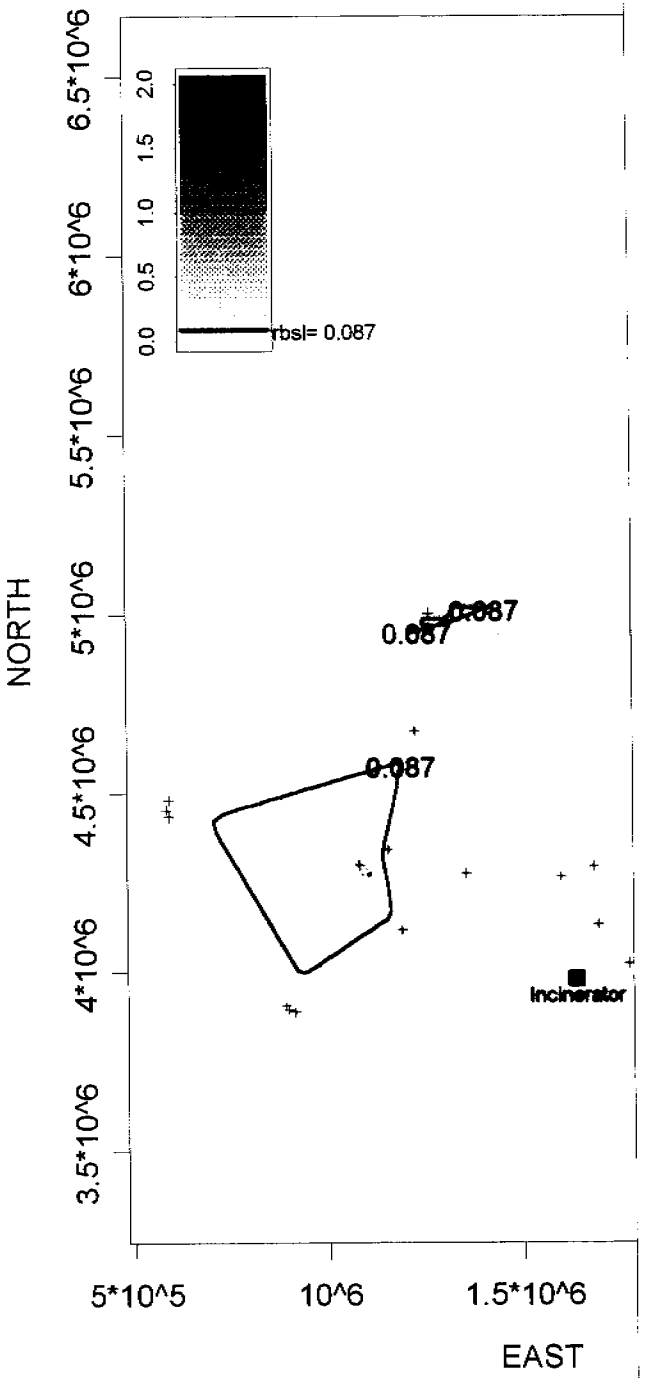

Total TCDF in Subsurface
0.0
0.0010
0.0020
0.0030
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST


Total TCDF in Surface
0.0
0.0010
0.0020
0.0030
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

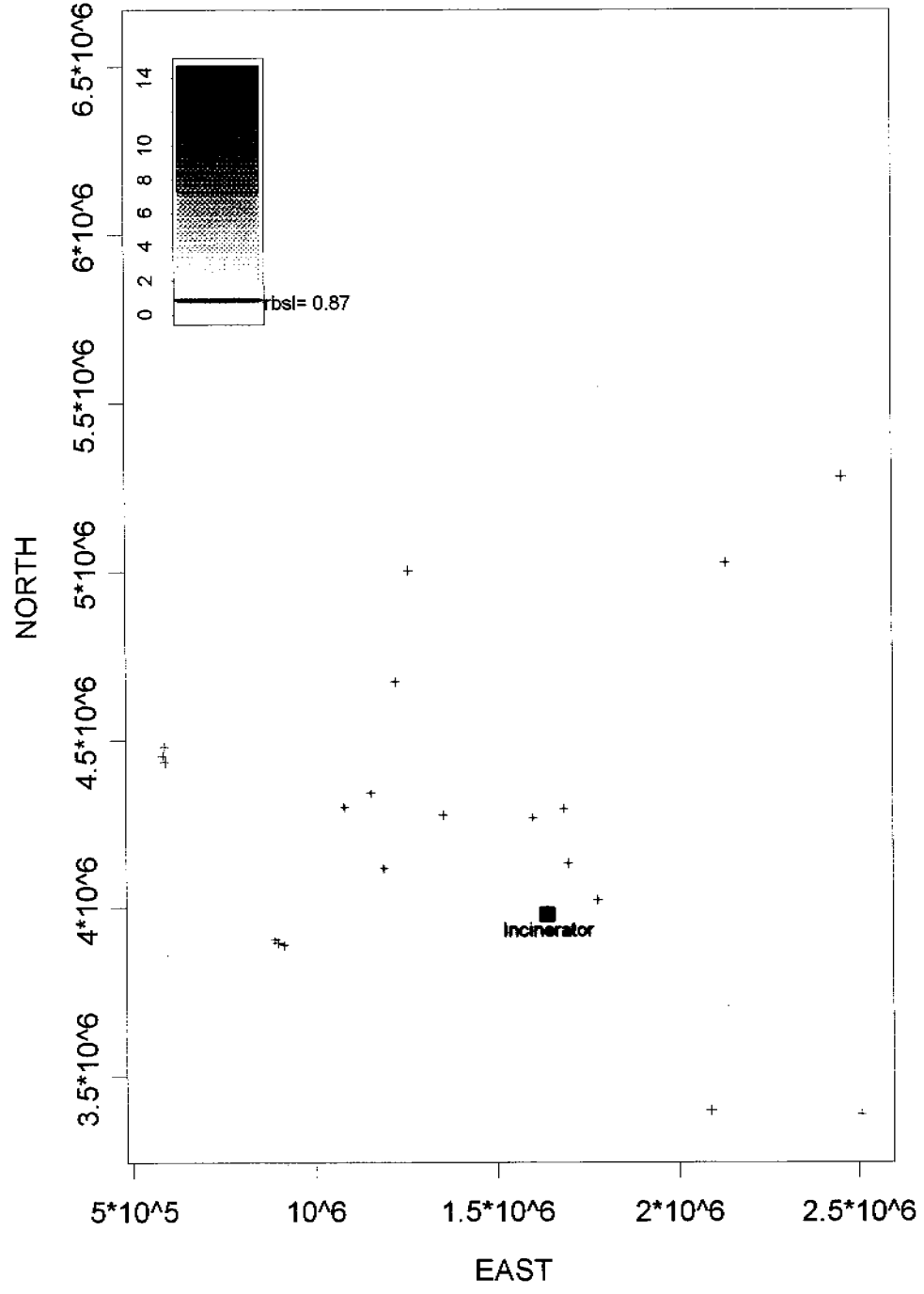

Benzo(a)anthracene in Subsurface
NORTH
EAST
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0
2
4
6
8
rbsl= 0.87
Incinerator


Benzo(a)anthracene in Surface
NORTH
EAST
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0
2
4
6
8
rbsl= 0.87
Incinerator
0.87

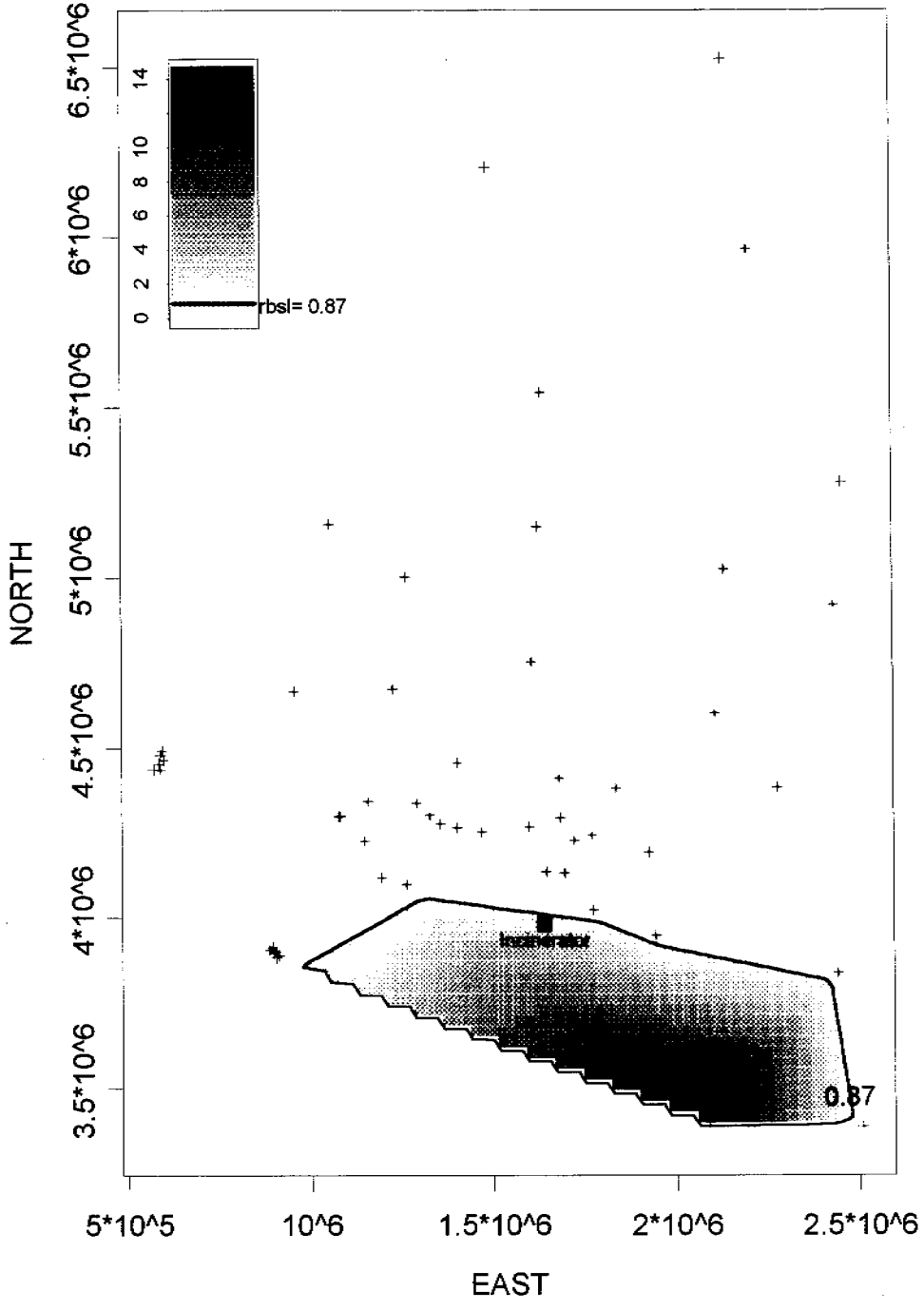
Dibenz(a,h)anthracene in



Benzo(b)fluoranthene in Subsurface



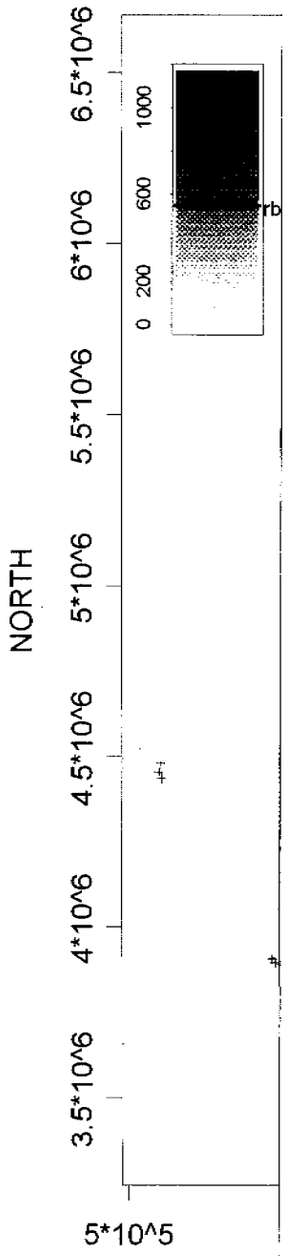
Benzo(b)fluoranthene in Surface

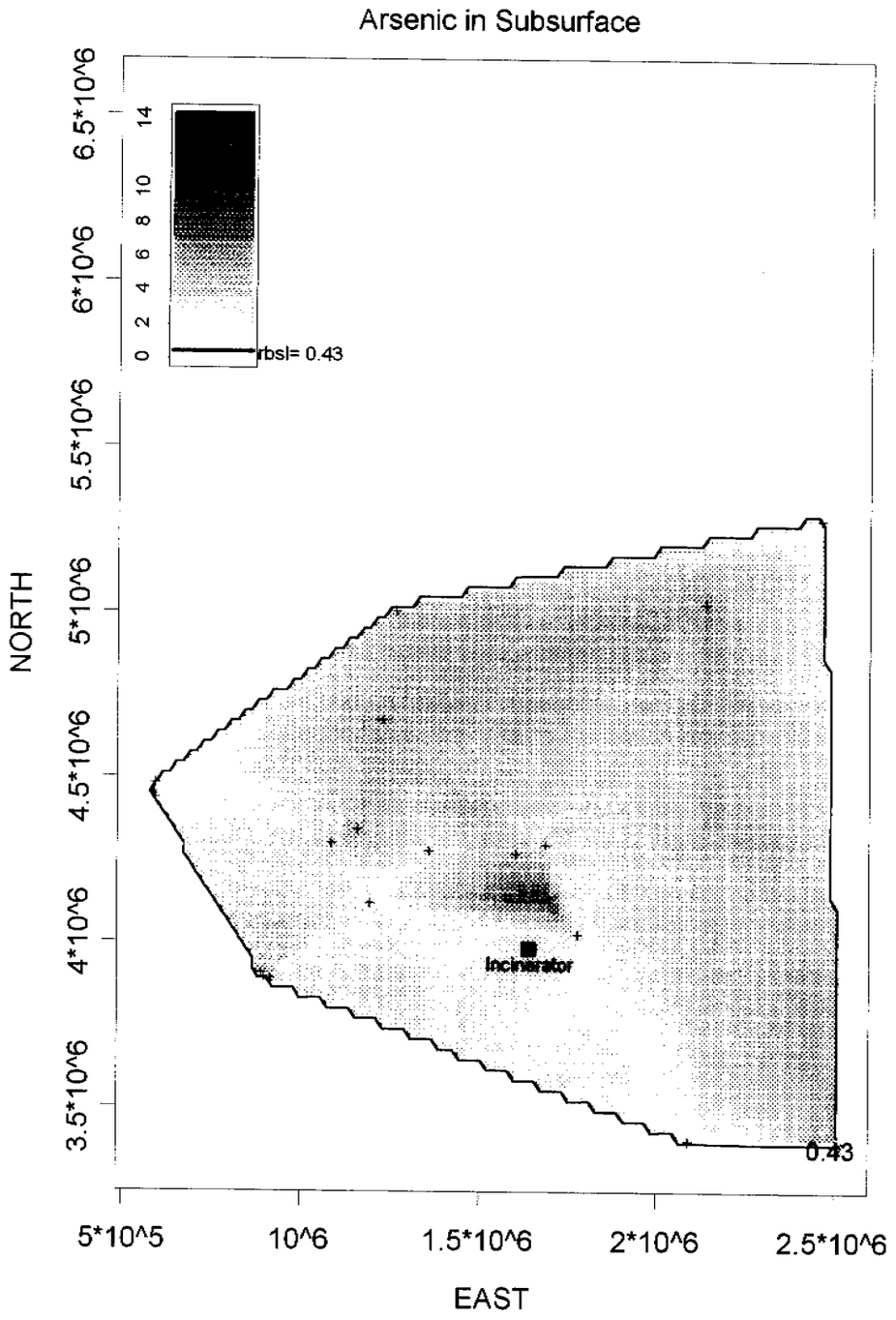


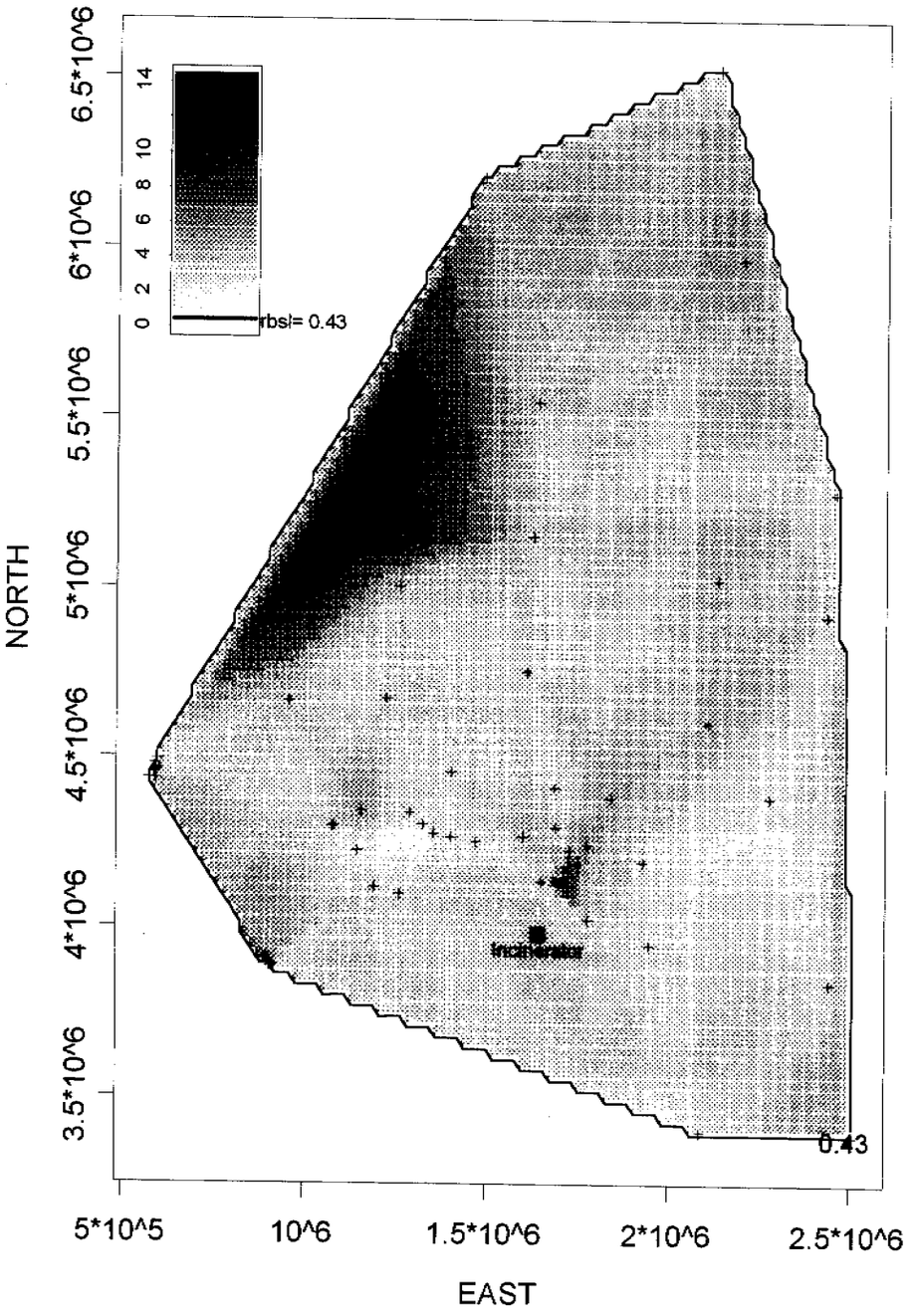
Indeno(1,2,3-cd)pyrene in Surface
tbsl= 0.87
0.87
Incinerator
EAST
NORTH
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0 1 2 3 4 5 6

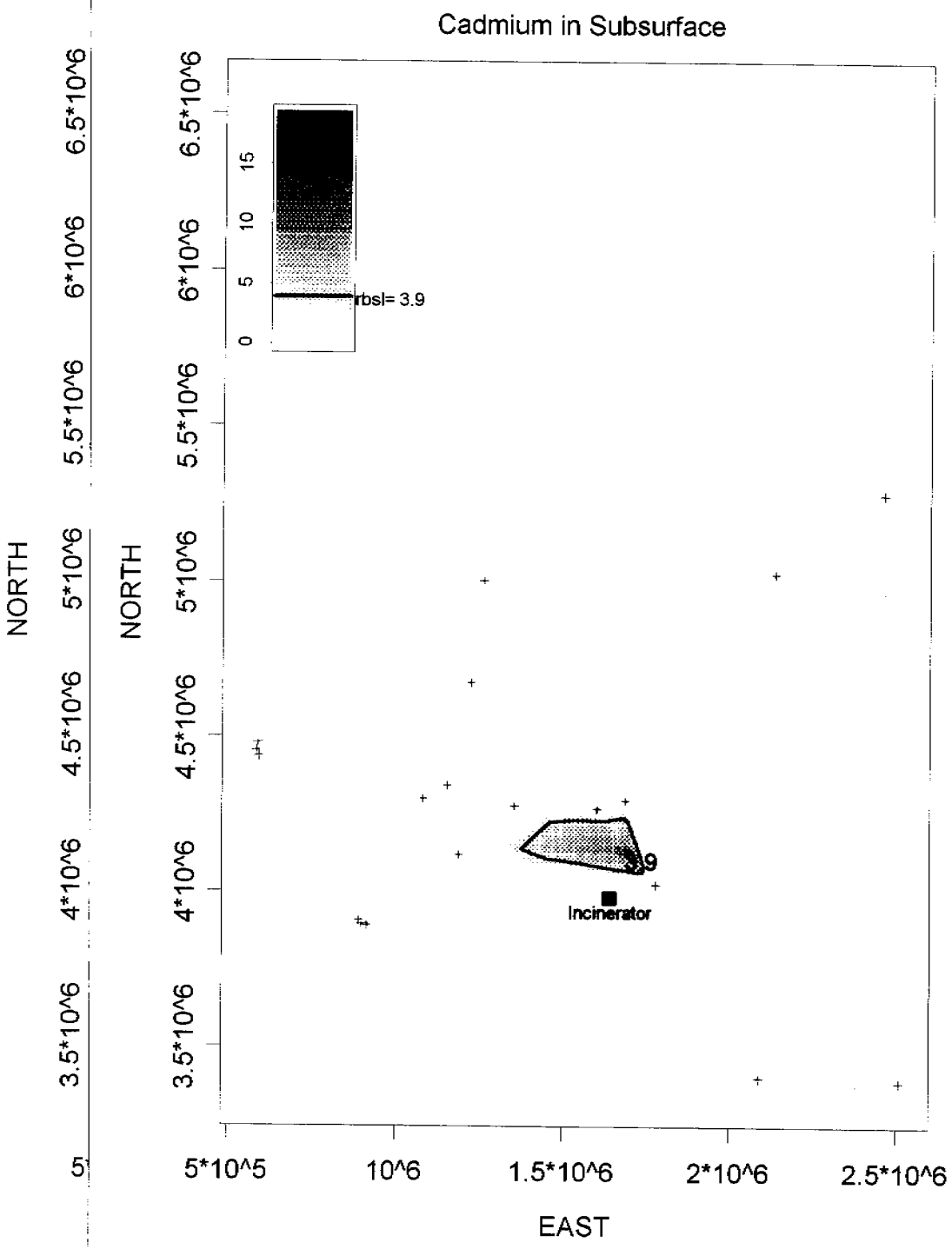
Indeno(1,2,3-cd)pyrene in Subsurface
tbsl= 0.87
Incinerator
EAST
NORTH
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0 1 2 3 4 5 6

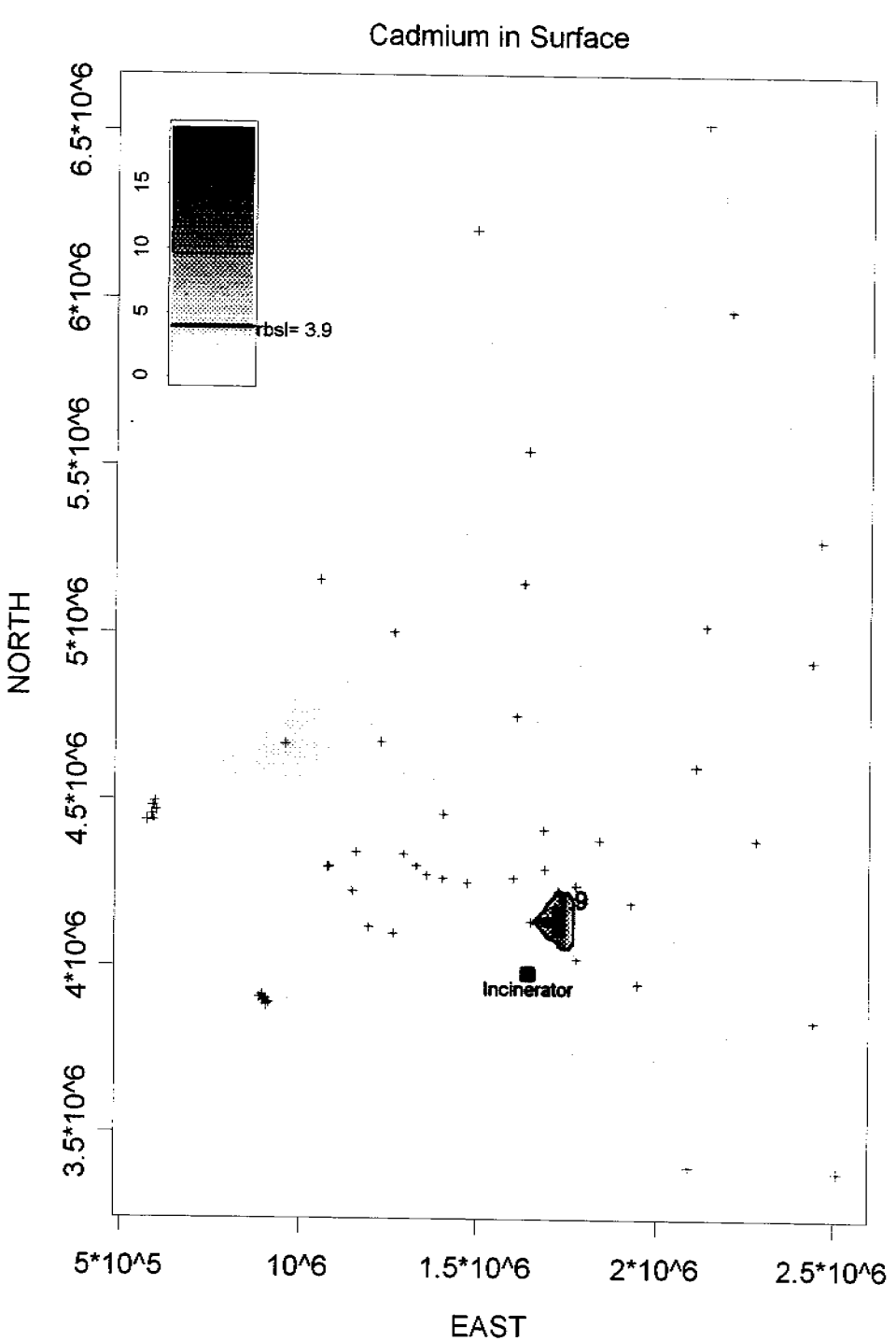
0
40000
80000
120000
NORTH
5*10^5
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6

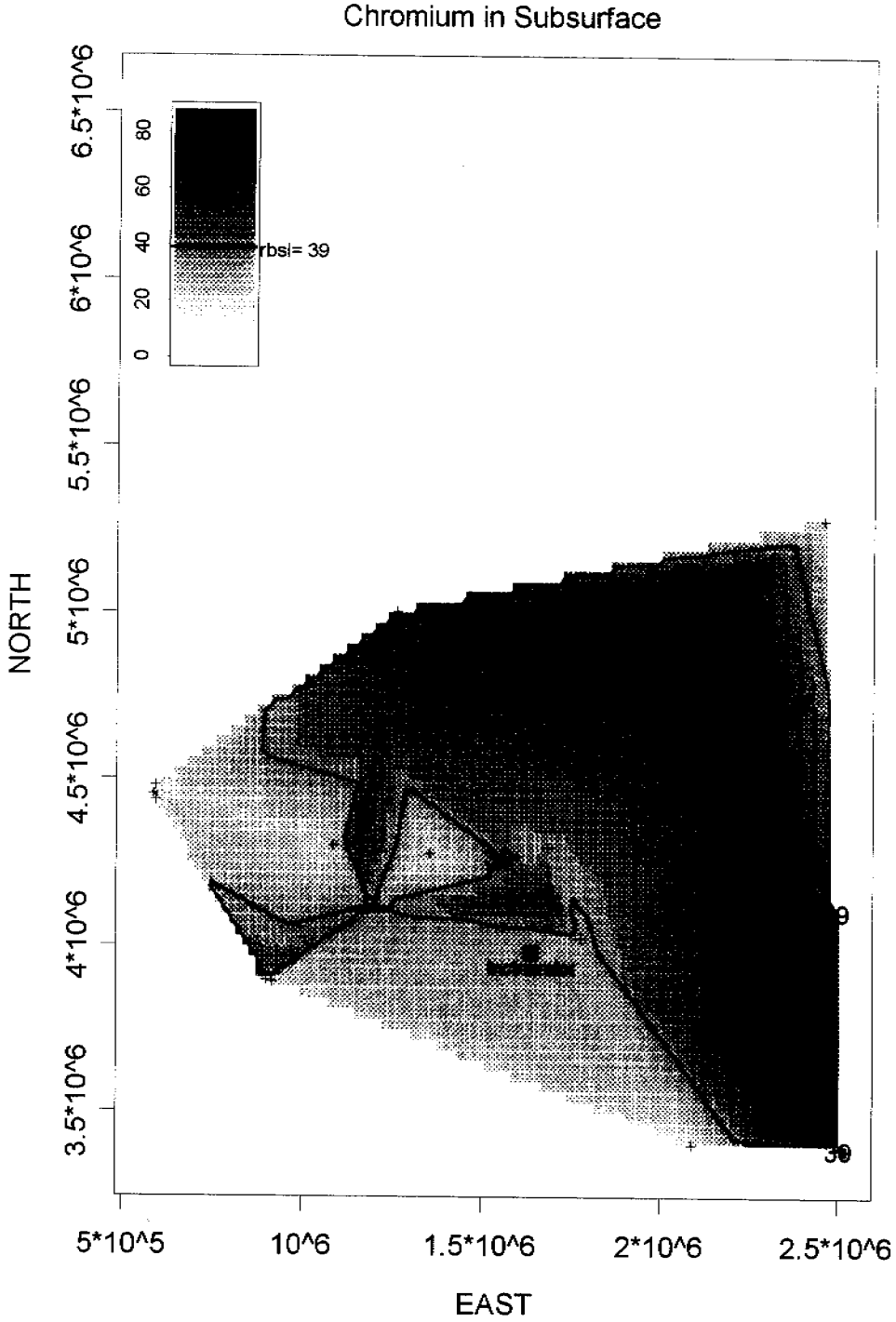

0
200
600
1000
rb
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5

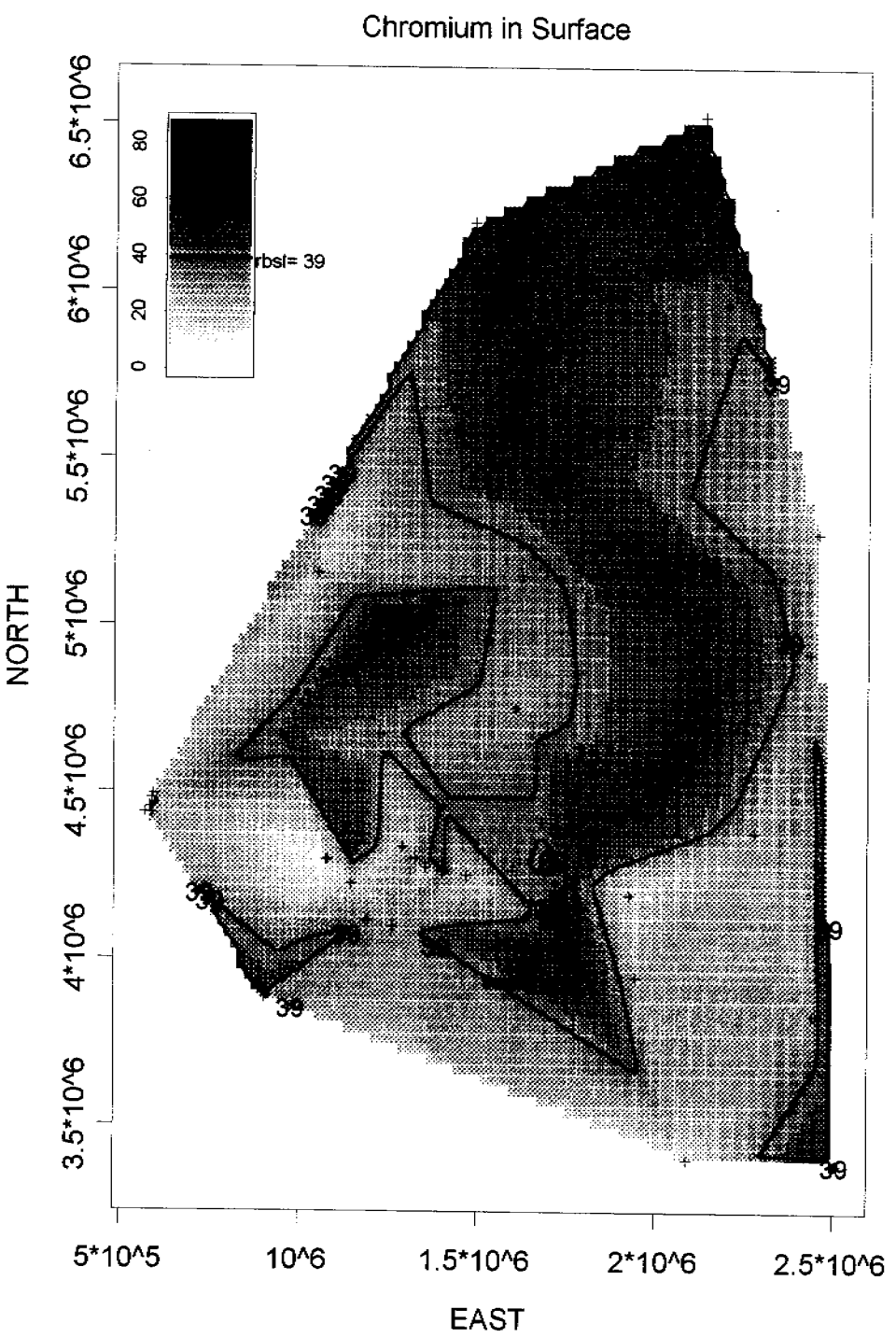

Arsenic in Subsurface
0
2
4
6
8
10
14
rbsl= 0.43
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
0.43
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

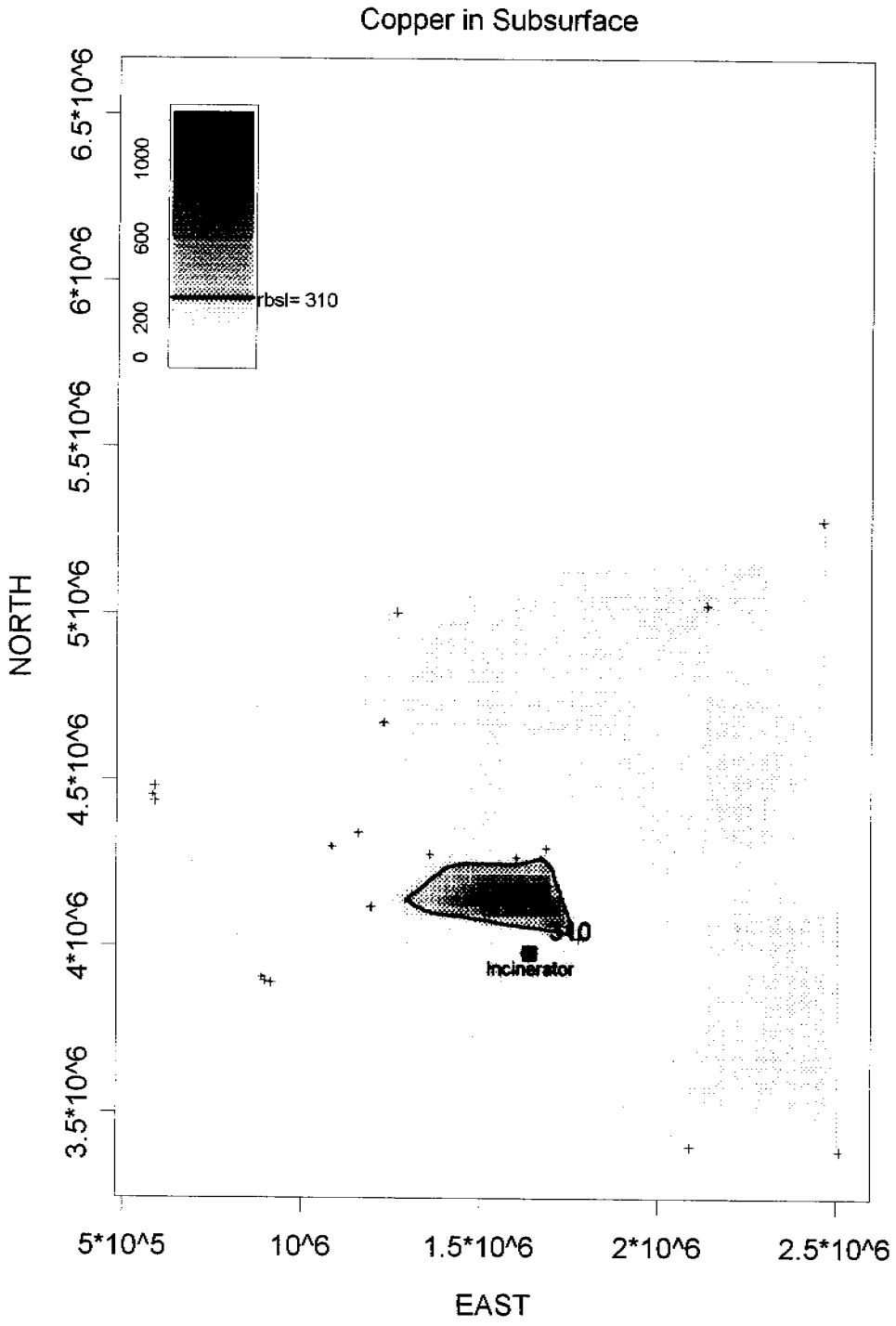

Arsenic in Surface
0
2
4
6
8
10
14
rbsl= 0.43
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
0.43
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

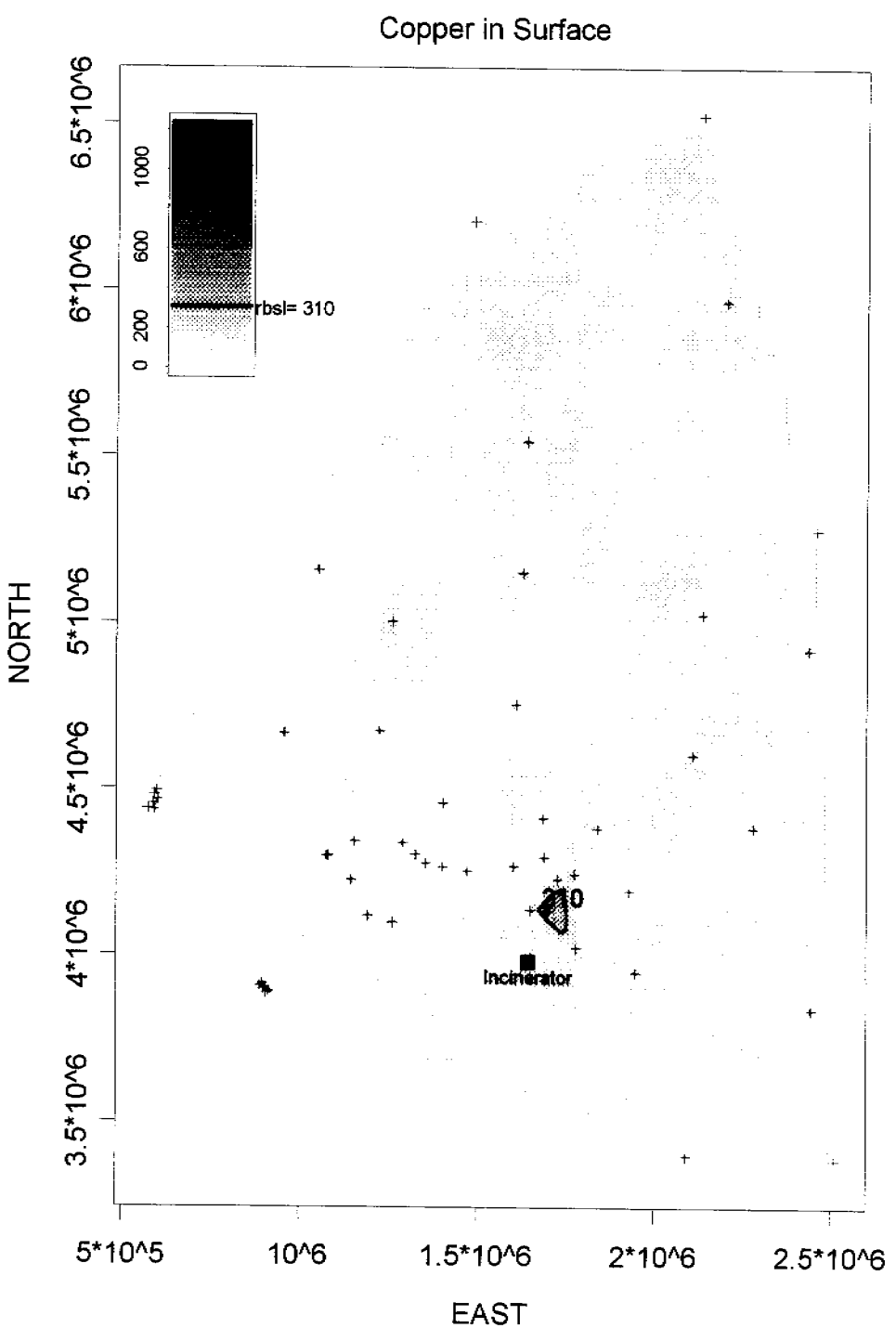

Cadmium in Subsurface
NORTH
EAST
rbsl= 3.9
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0
5
10
15

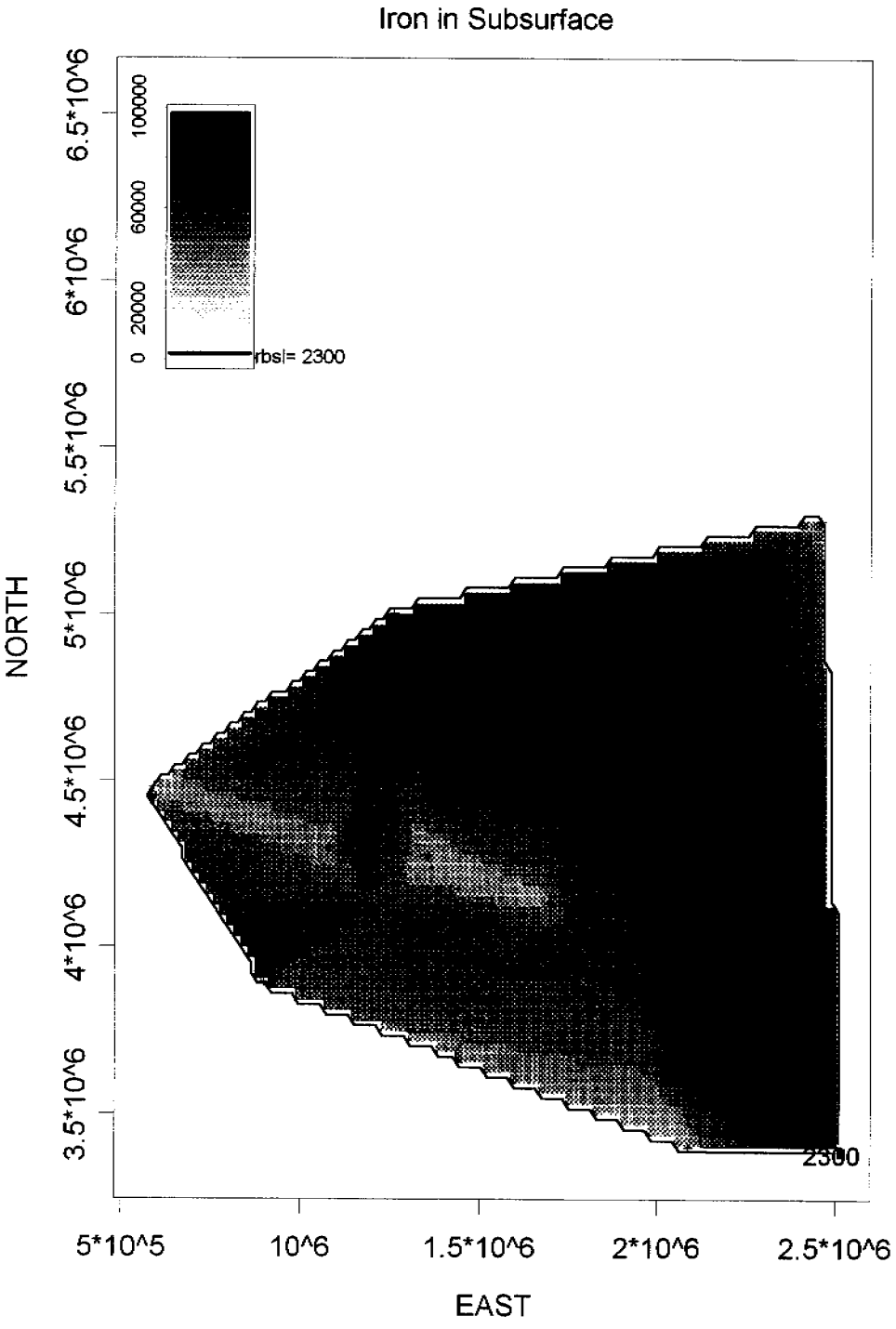

Cadmium in Surface
NORTH
EAST
rbsl= 3.9
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0
5
10
15

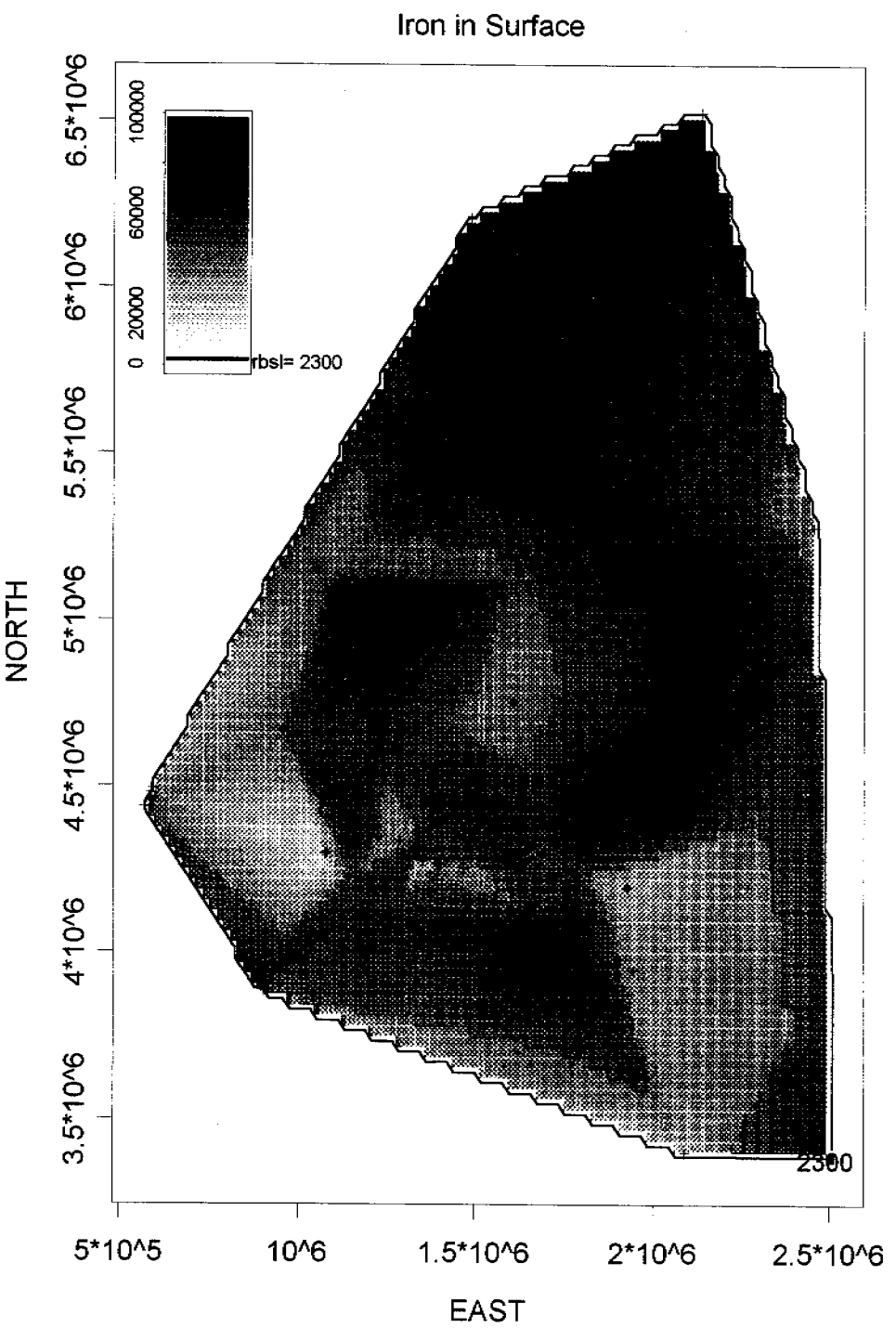

Chromium in Subsurface
rbsl= 39
0
20
40
60
80
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

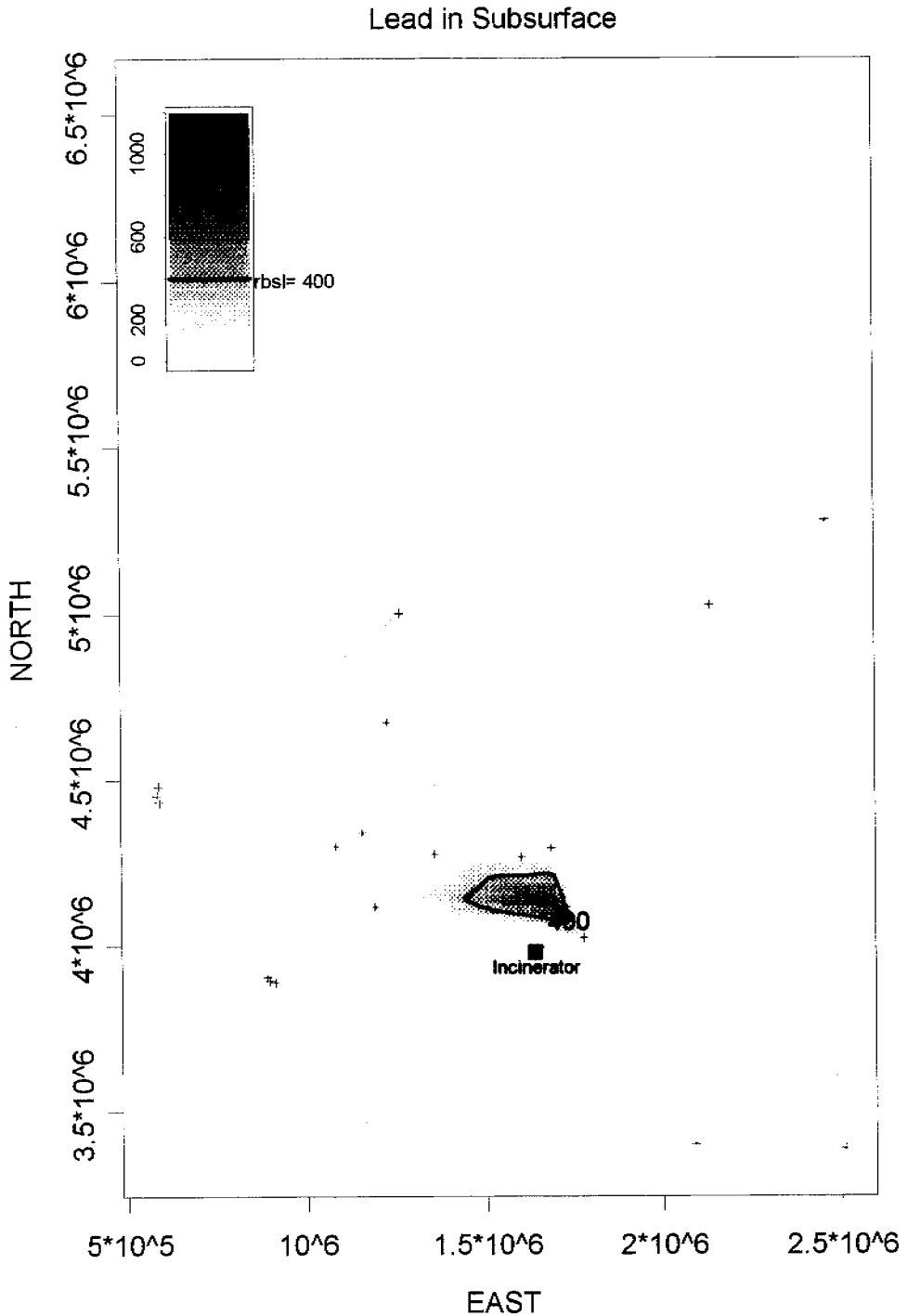

Chromium in Surface
rbsl= 39
0
20
40
60
80
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

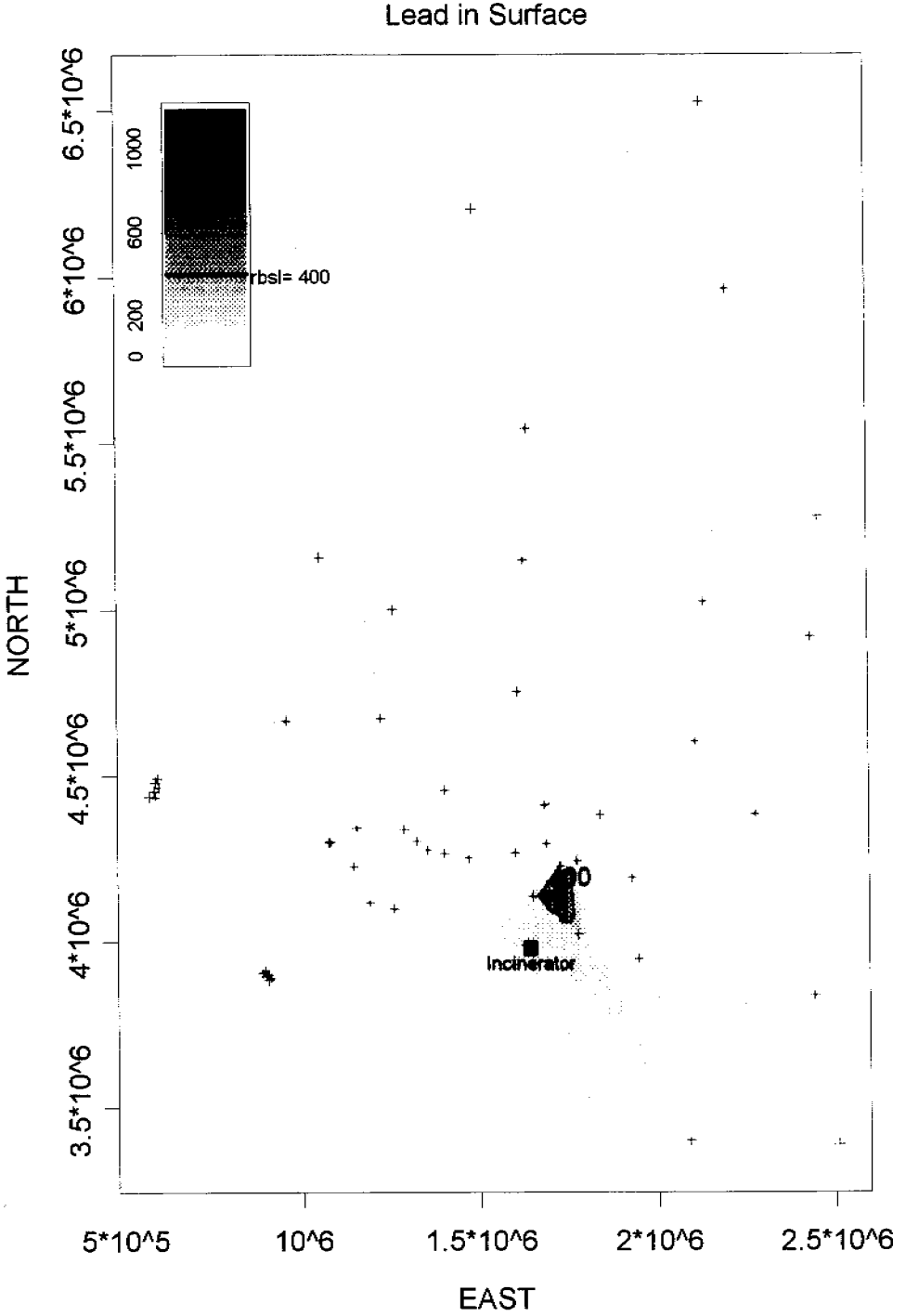

Copper in Subsurface
0
200
600
1000
rbsl= 310
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST
Incinerator

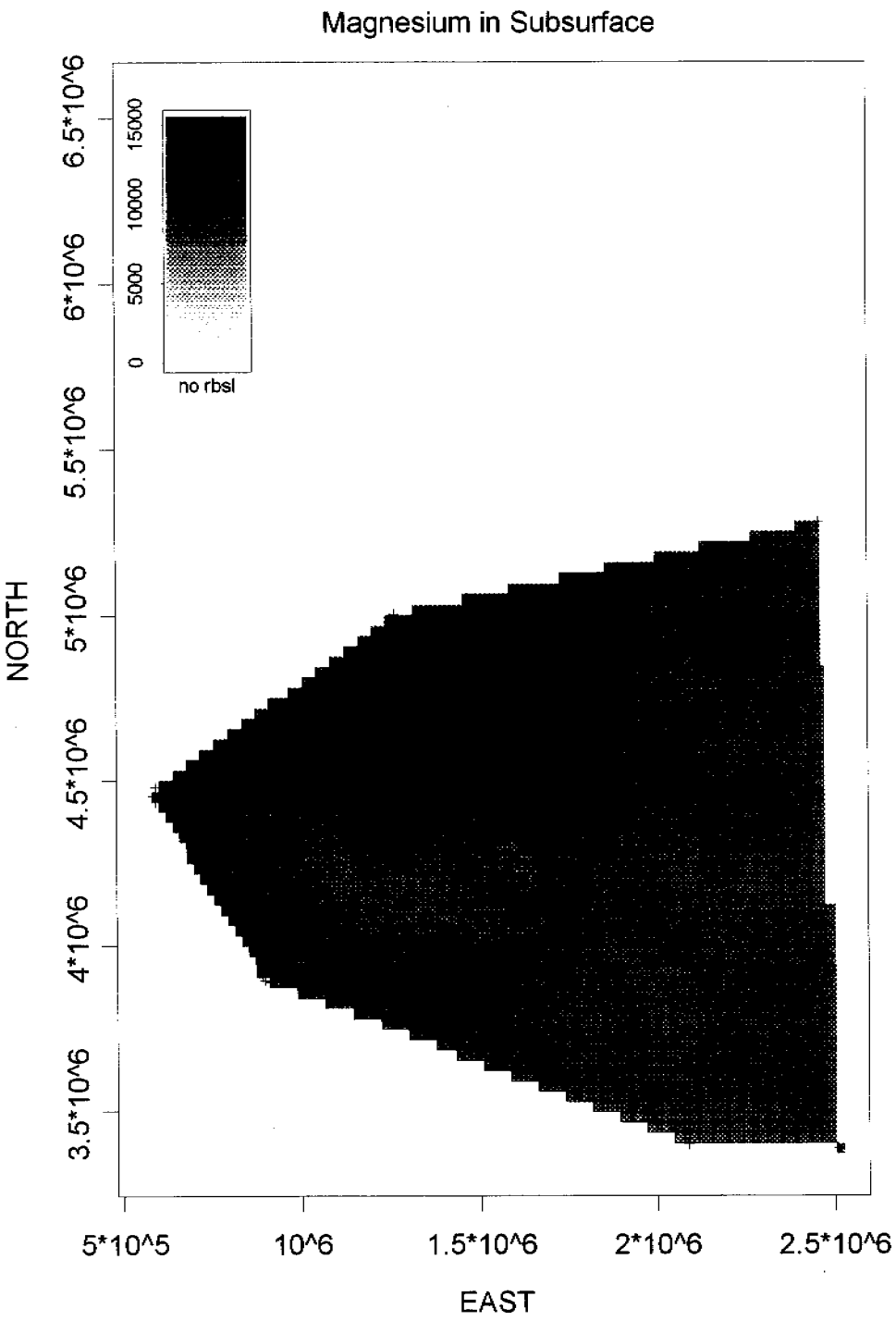

Copper in Surface
0
200
600
1000
rbsl= 310
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST
Incinerator

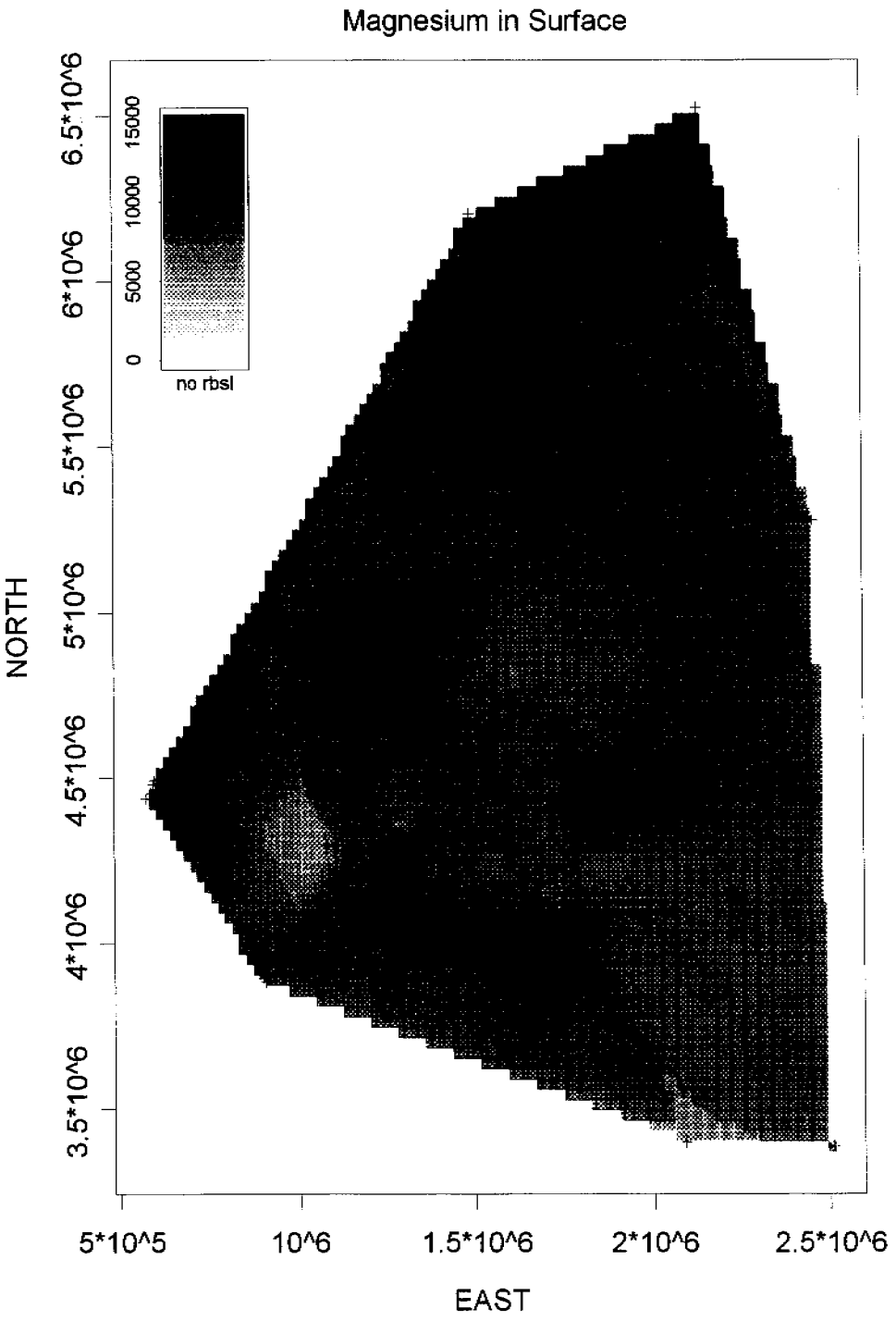

Iron in Subsurface
0 20000 60000 100000
rbsl= 2300
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
2300
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

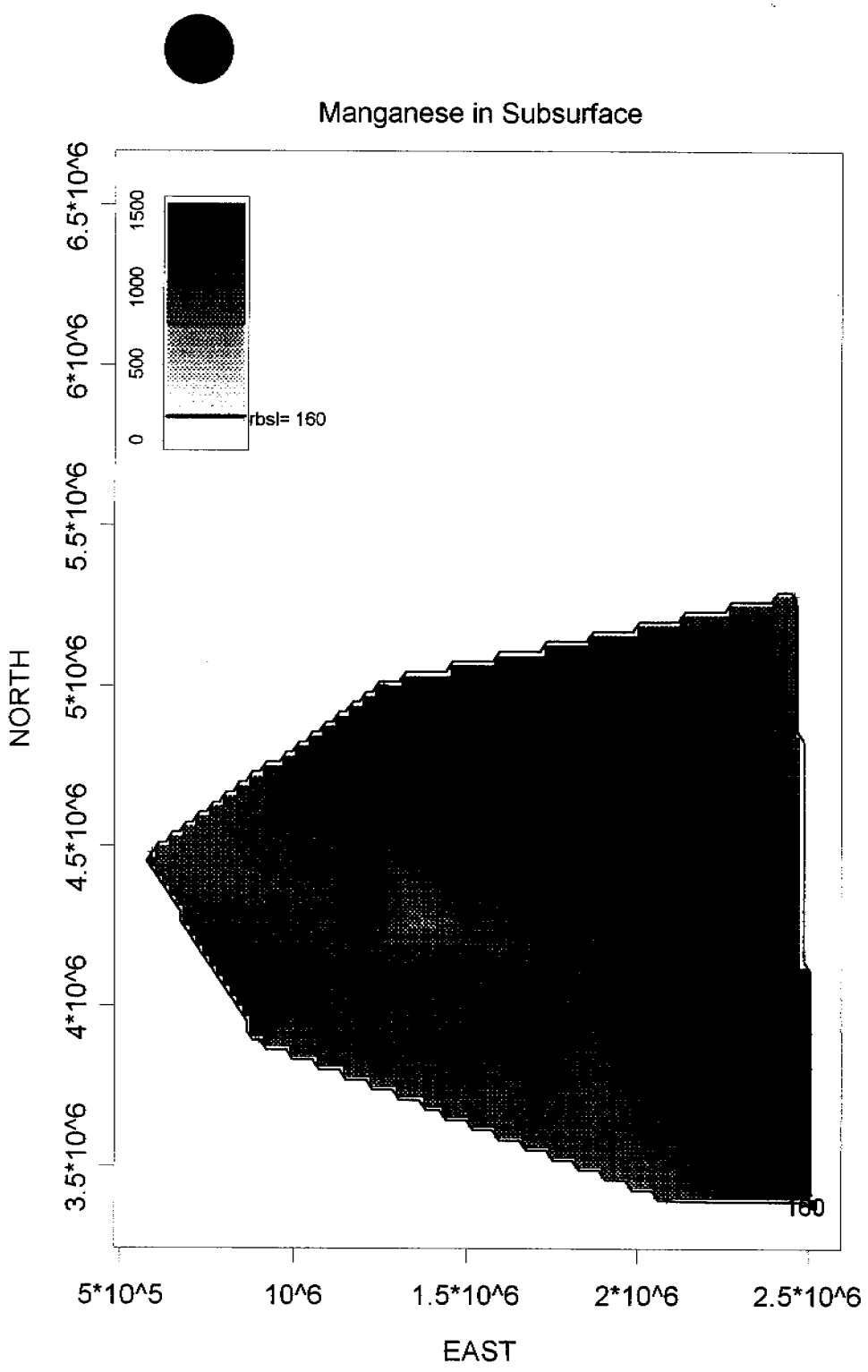

Iron in Surface
0 20000 60000 100000
rbsl= 2300
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
2300
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

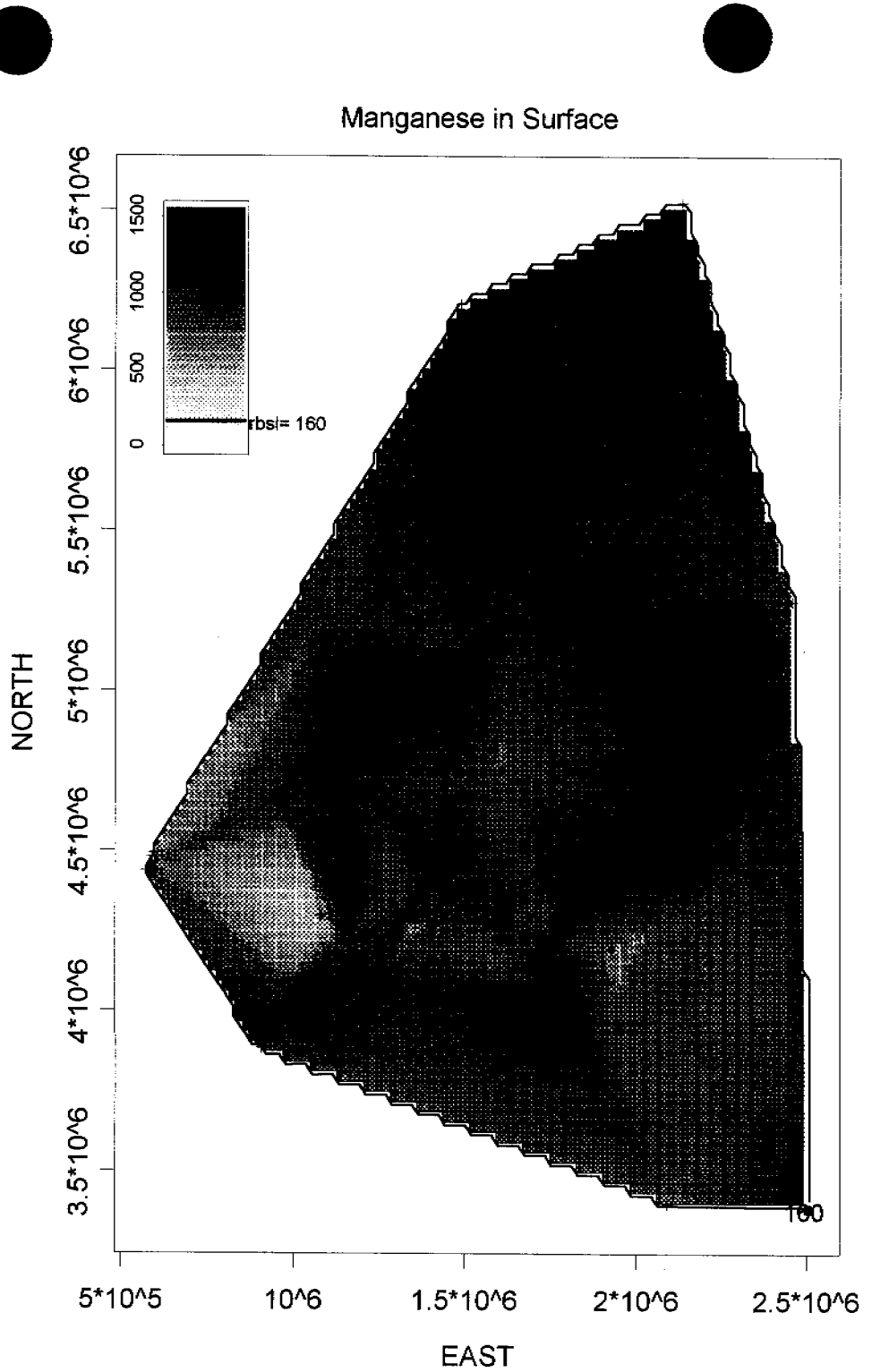

Lead in Subsurface
NORTH
EAST
rbsl= 400
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0
200
600
1000

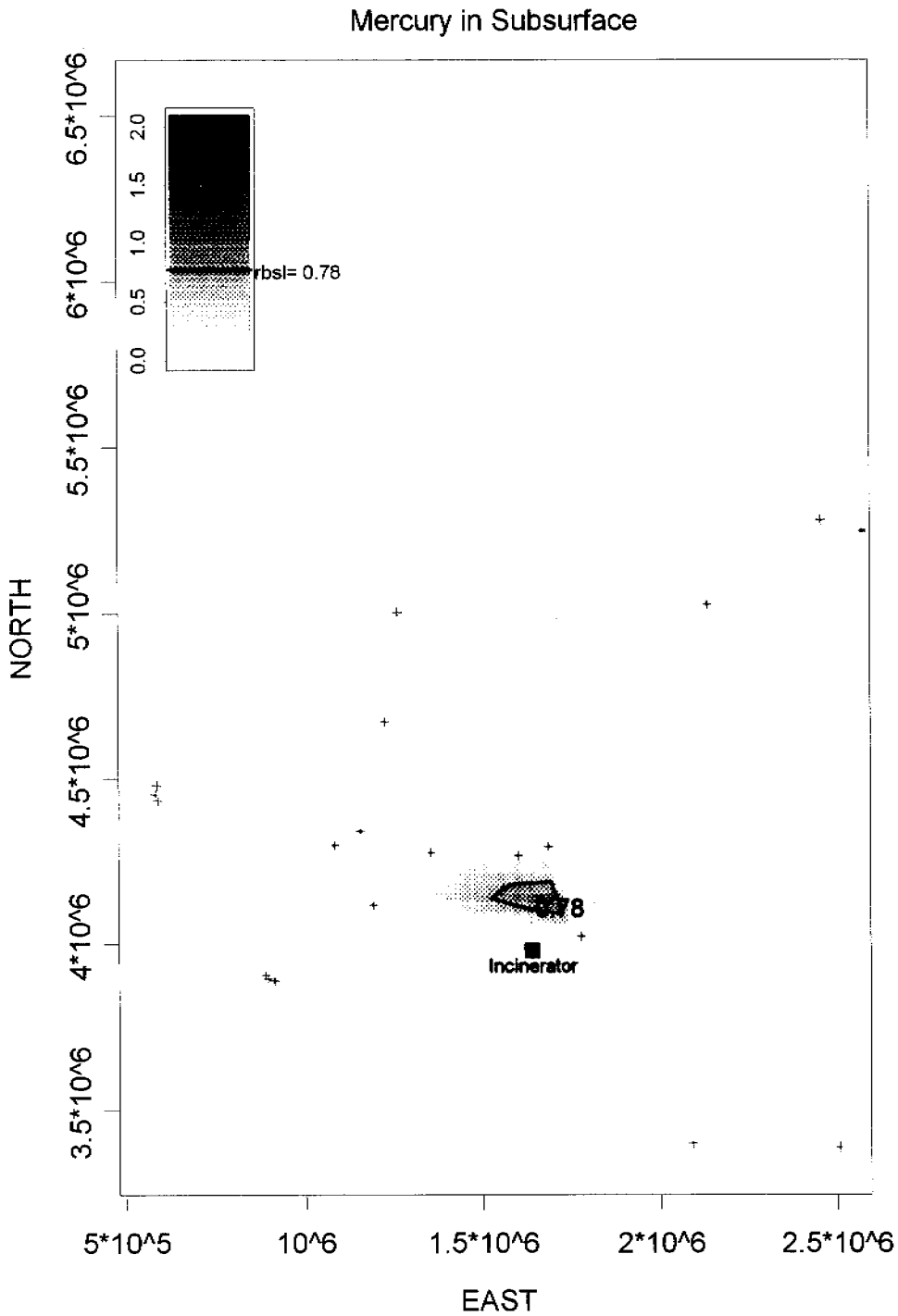

Lead in Surface
NORTH
EAST
rbsl= 400
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
0
200
600
1000

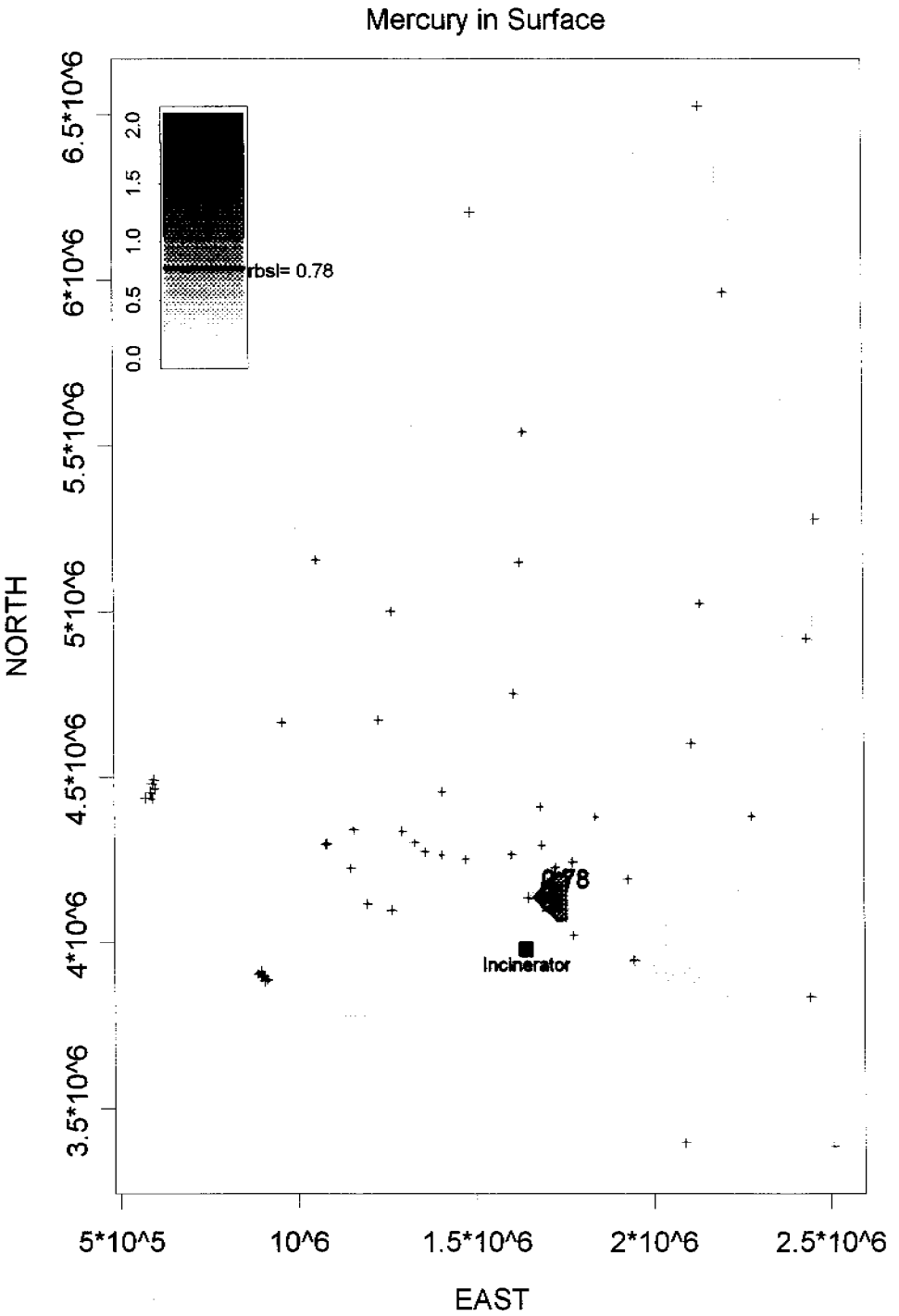

Magnesium in Subsurface
0
5000
10000
15000
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

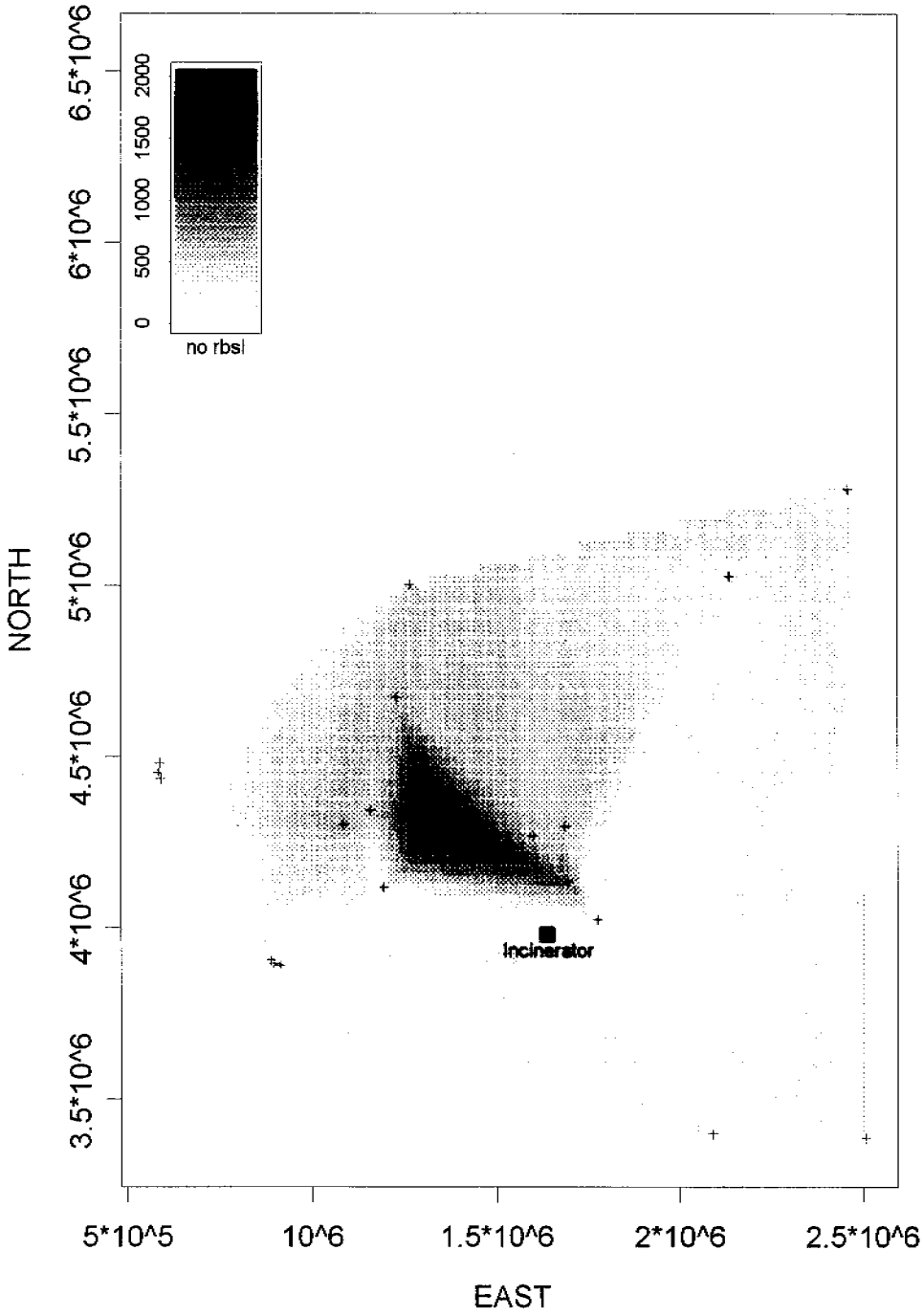

Magnesium in Surface
0
5000
10000
15000
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

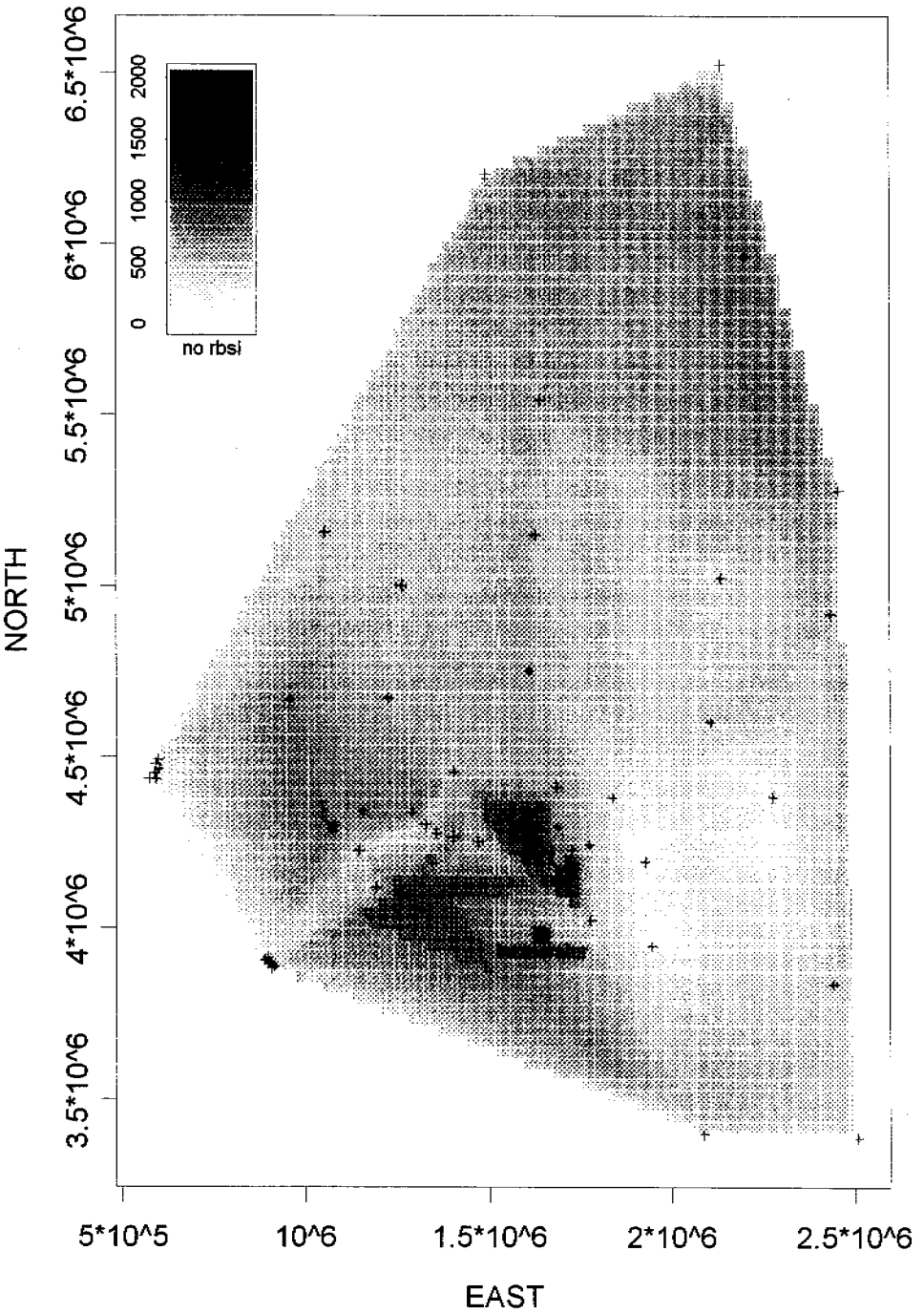

Manganese in Subsurface
0
500
1000
1500
rbsl= 160
160
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

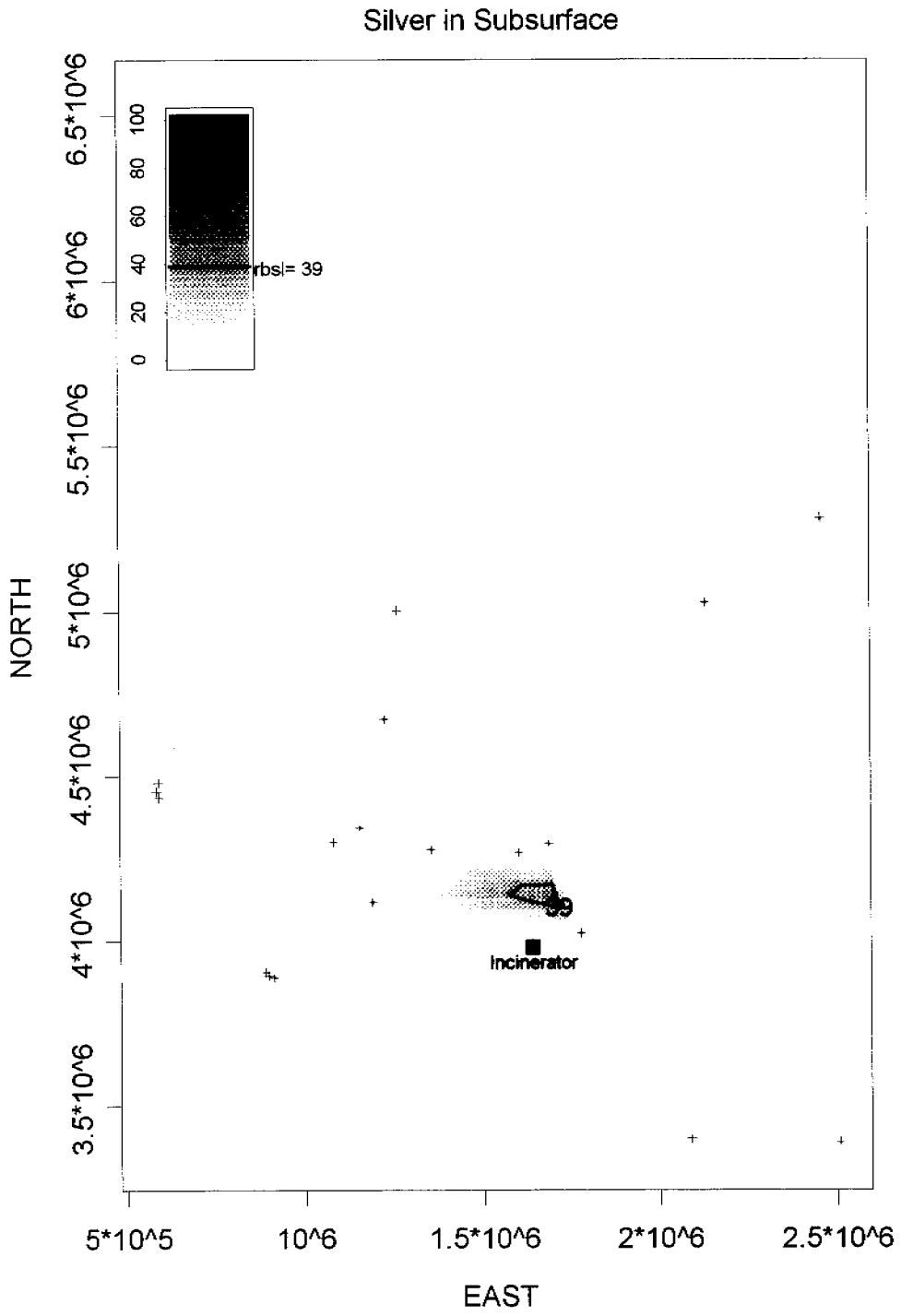

Manganese in Surface
0
500
1000
1500
rbsl= 160
160
NORTH
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

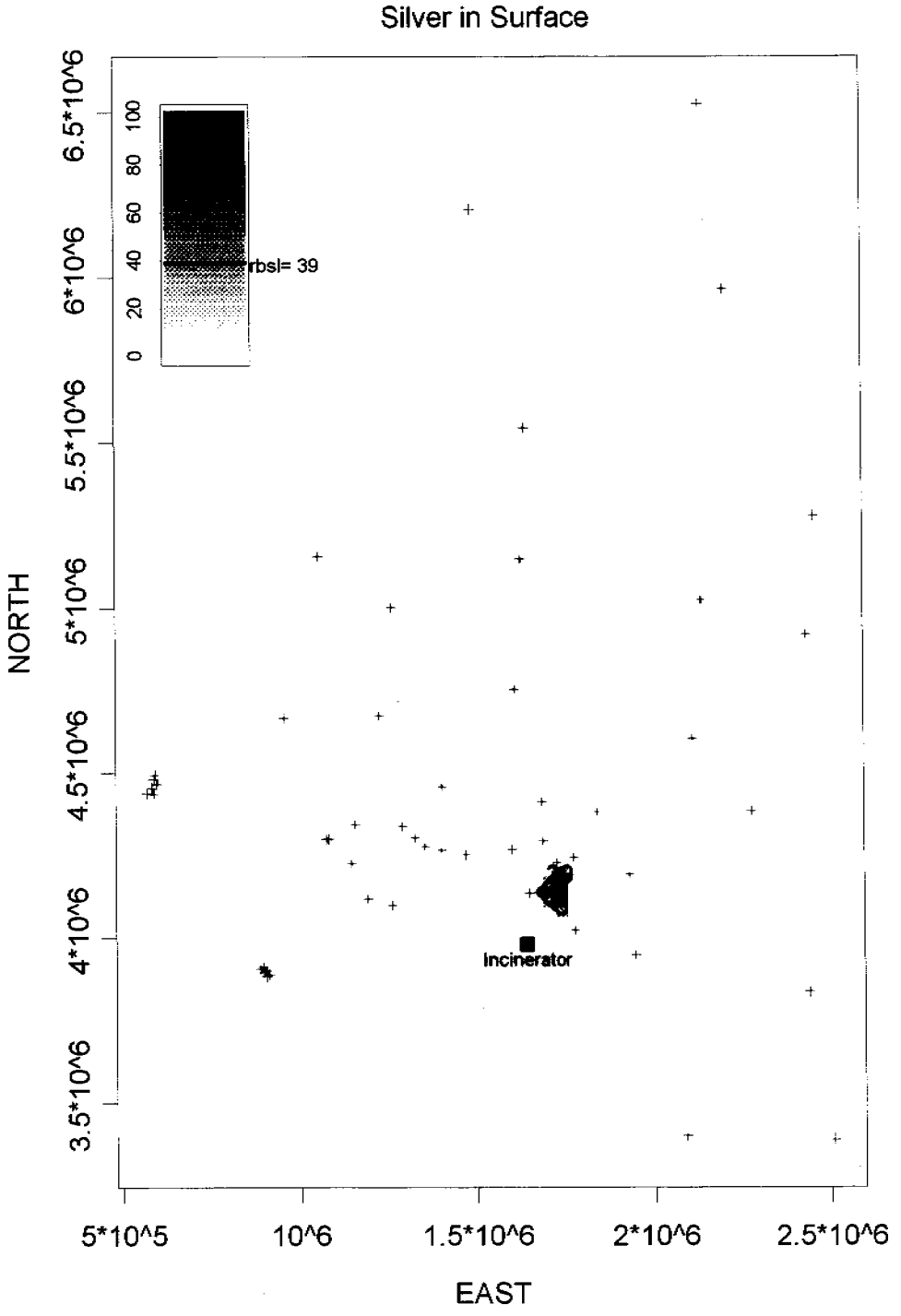

Mercury in Subsurface
NORTH
EAST
rbsl= 0.78
Incinerator
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.0
0.5
1.0
1.5
2.0

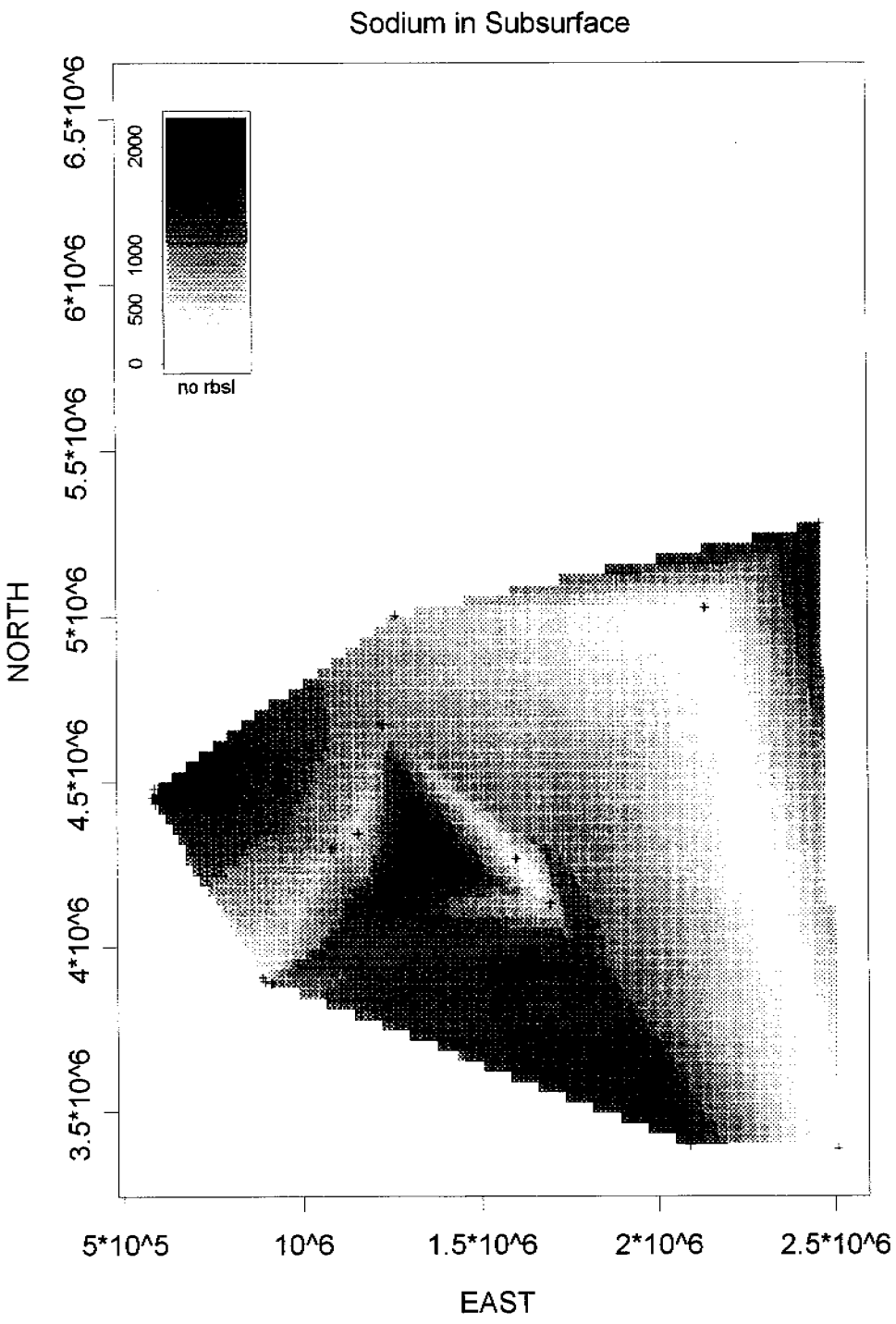

Mercury in Surface
NORTH
EAST
rbsl= 0.78
Incinerator
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.0
0.5
1.0
1.5
2.0

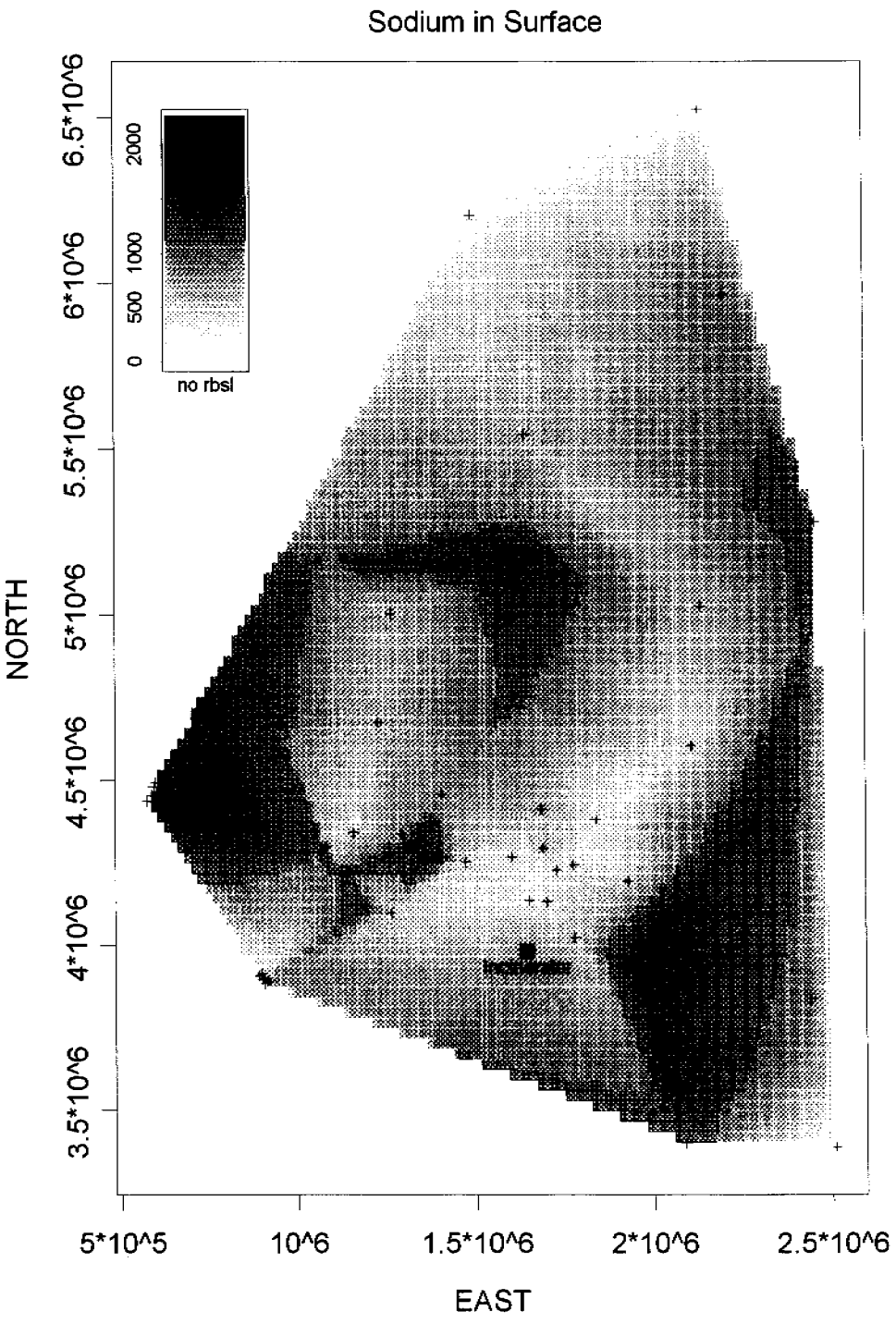

Potassium in Subsurface
0
500
1000
1500
2000
no rbsl
Incinerator
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

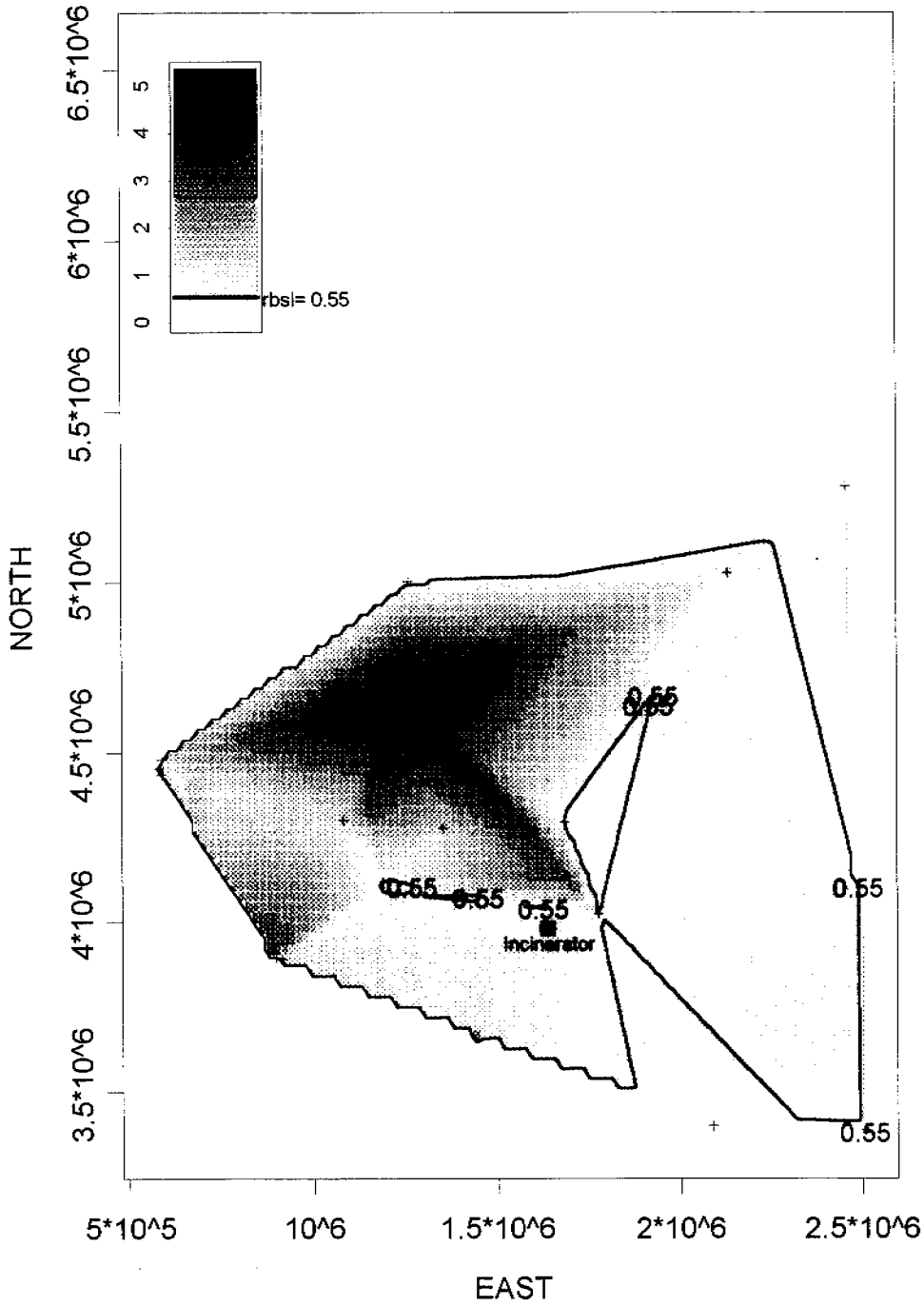

Potassium in Surface
0
500
1000
1500
2000
no rbsl
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

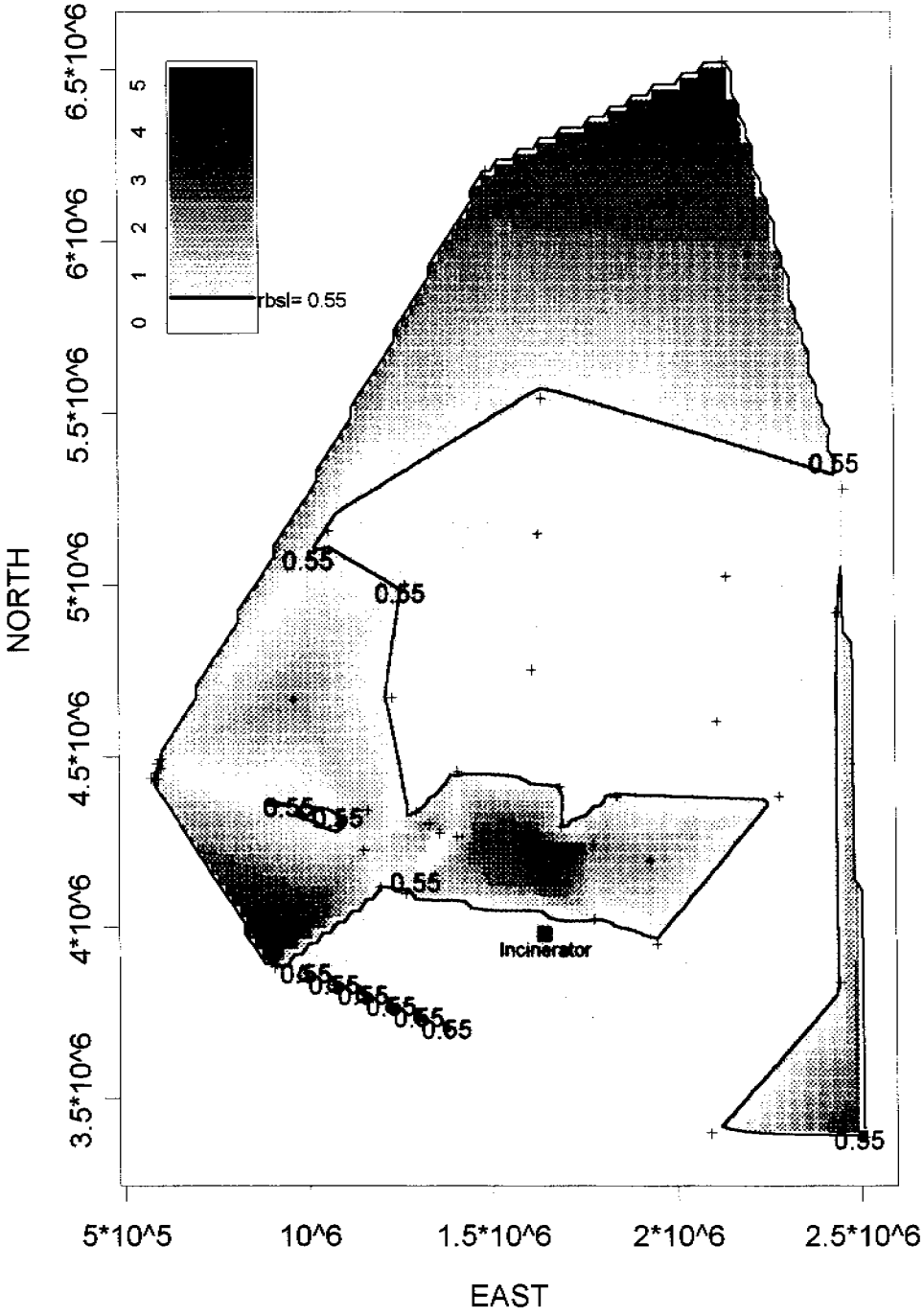

Silver in Subsurface
rbsl= 39
Incinerator
NORTH
EAST
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6

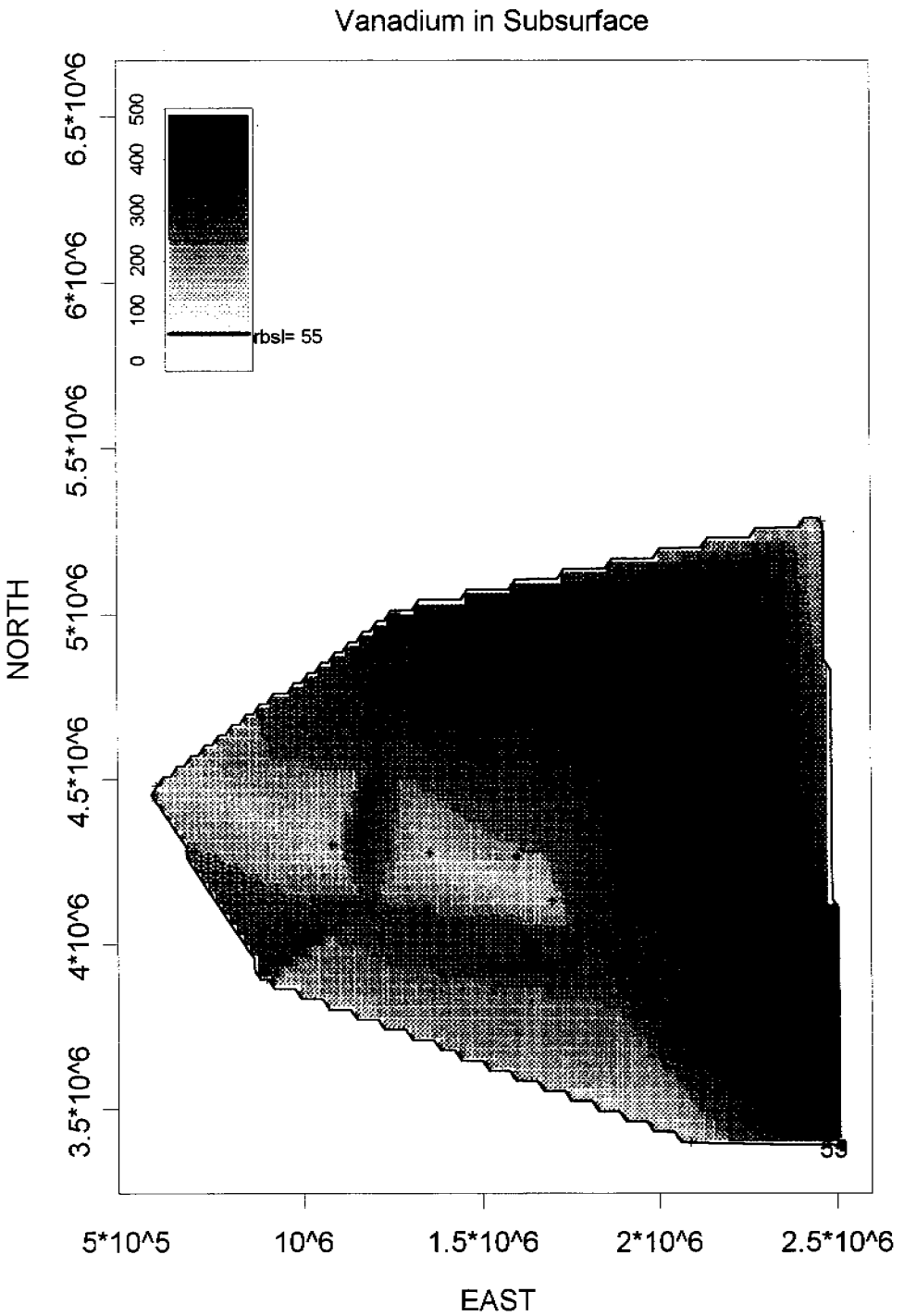

Silver in Surface
rbsl= 39
Incinerator
NORTH
EAST
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
3.5*10^6
4*10^6
4.5*10^6
5*10^6
5.5*10^6
6*10^6
6.5*10^6

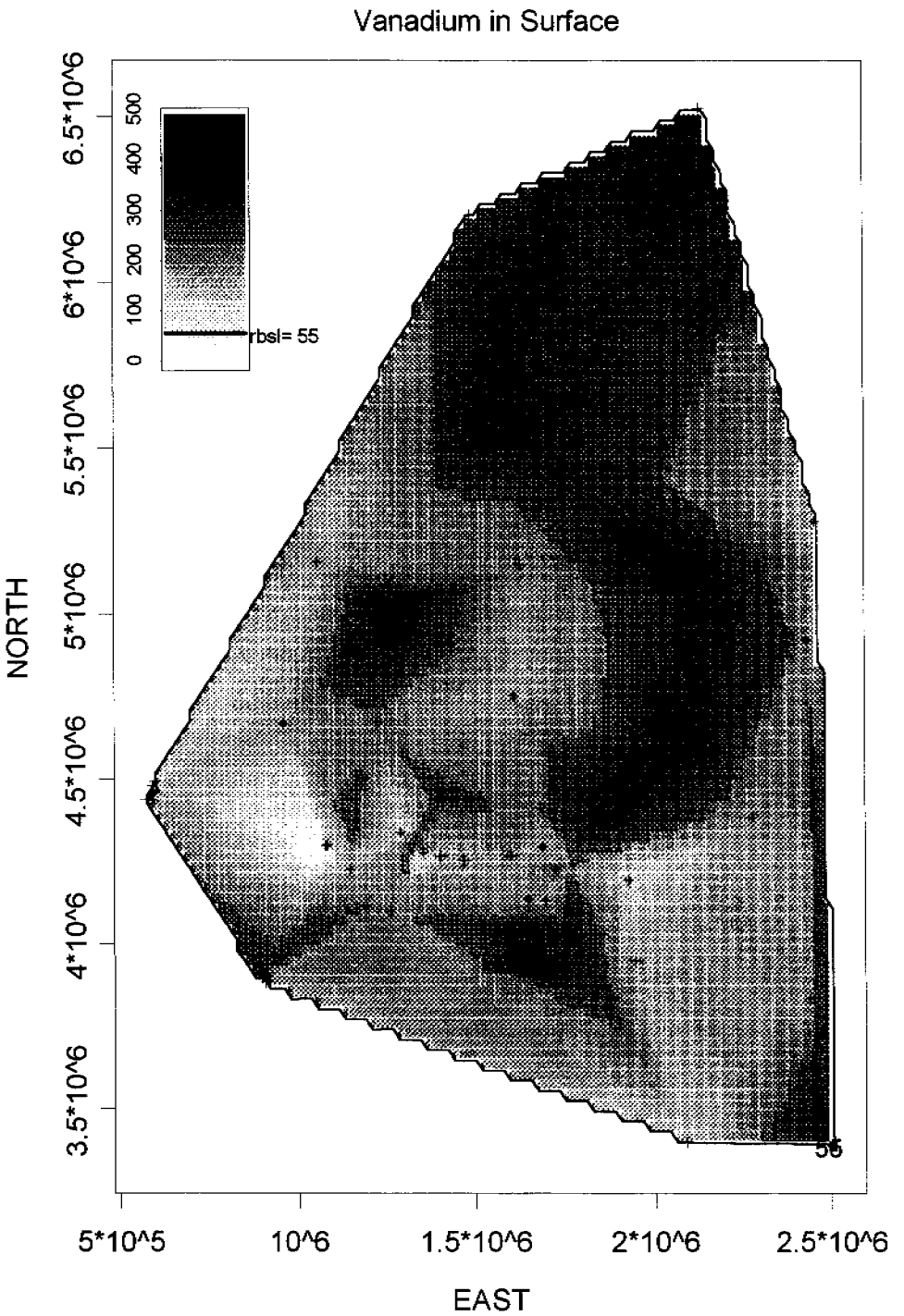

Sodium in Subsurface
0
500
1000
2000
no rbsl
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

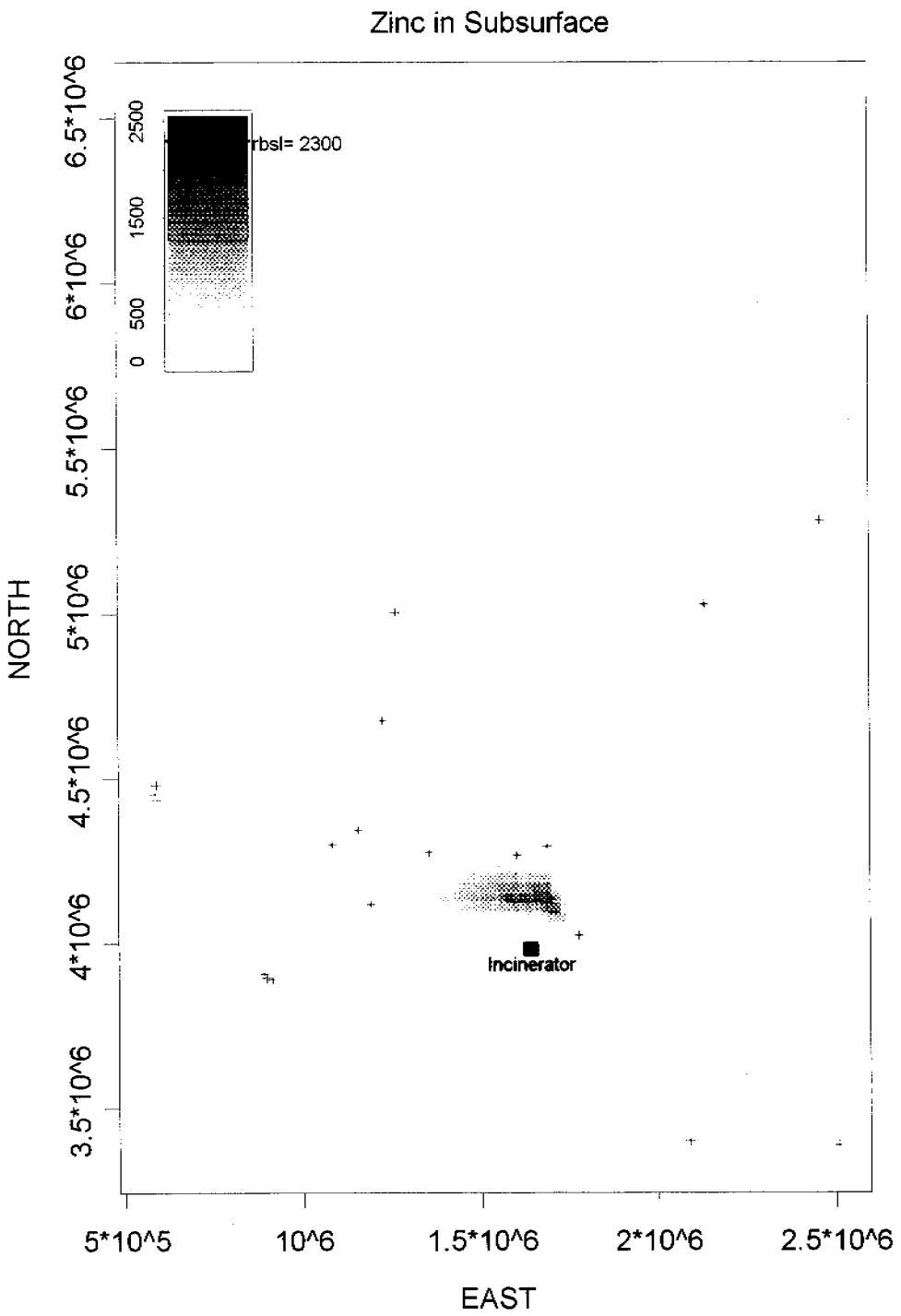

Sodium in Surface
0
500
1000
2000
no rbsl
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
NORTH
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

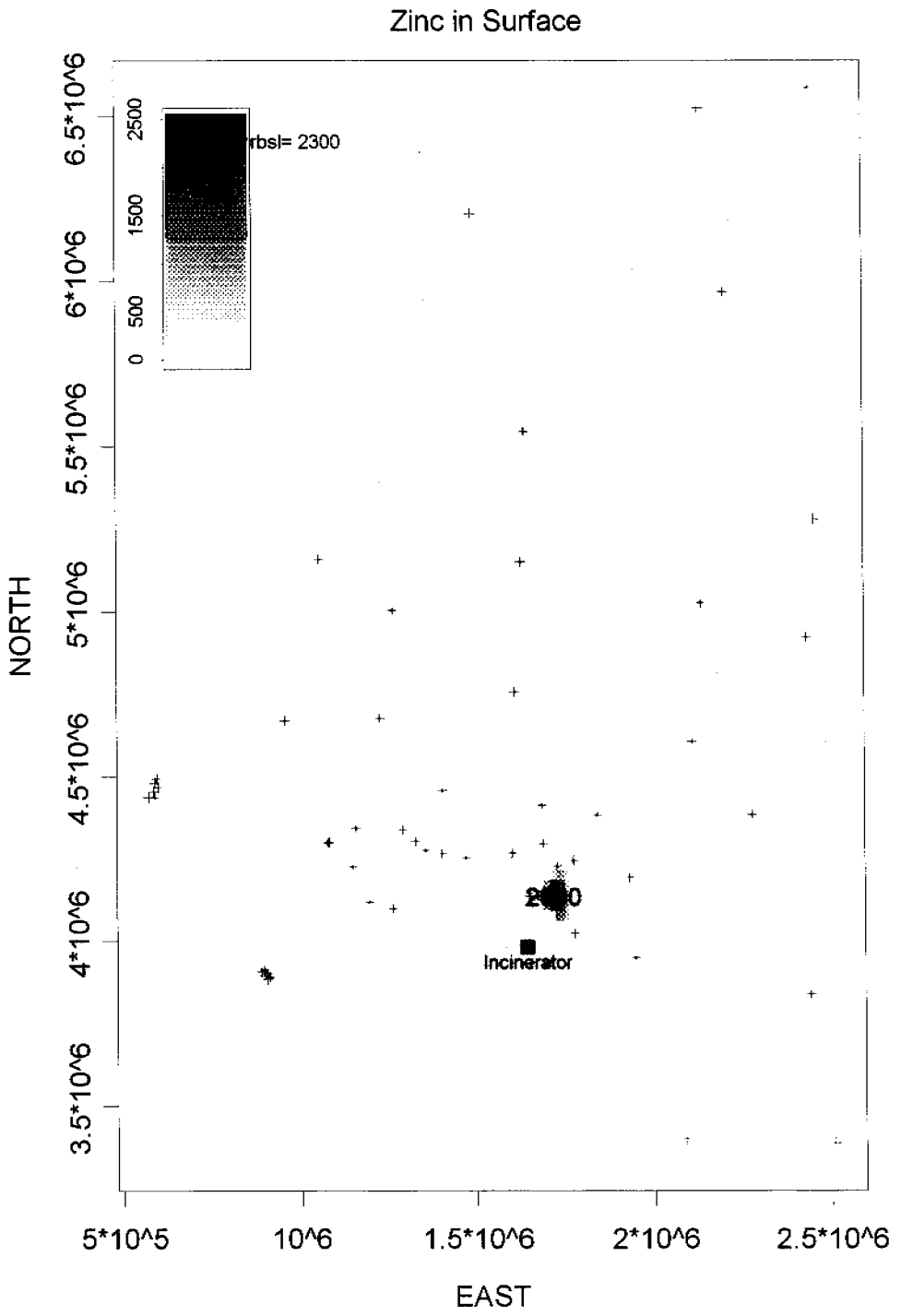

Thallium in Subsurface
NORTH
EAST
rbsl= 0.55
0 1 2 3 4 5
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.55
Incinerator


Thallium in Surface
NORTH
EAST
rbsl= 0.55
0 1 2 3 4 5
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
0.55
Incinerator


Vanadium in Subsurface
0
100
200
300
400
500
rbsl= 55
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST


Vanadium in Surface
0
100
200
300
400
500
rbsl= 55
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST


Zinc in Subsurface
rbsl= 2300
0
500
1500
2500
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST


Zinc in Surface
rbsl= 2300
0
500
1500
2500
NORTH
6.5*10^6
6*10^6
5.5*10^6
5*10^6
4.5*10^6
4*10^6
3.5*10^6
Incinerator
5*10^5
10^6
1.5*10^6
2*10^6
2.5*10^6
EAST

APPENDIX H

Analytical Results

APPENDIX H

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Footnote Definitions

Atsugi NAF, Round 1 Soil Samples (March 1998)

B	Analyte is present at a concentration similar to the blank.
J	The analyte was positively identified; however, the associated numerical value is the approximate concentration of the analyte in the sample.
K	Result is potentially biased high.
L	Result is potentially biased low.
NA	Sample not analyzed for indicated parameter.
ND	Not detected.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual level of quantitation necessary to accurately and precisely measure the analyte in the sample.
UL	The analyte was not detected, however a low bias indicates that the result may be a false negative.
()	For methods OLMO3.2, ILMO4.0, E300.0, and E353.2 - concentration of the lowest standard used to generate calibration curve. For SW8290 - sample-specific detection limit (SSDL) calculated from the method detection limit determined using 40CFR and sample preparation and analytical factors.

Table 1

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3			DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12			DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3			DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
4,4'-DDE	2.00	(0.210	) [1]	2.20	(0.260	) [1]	34.0	(0.180	) [1]	25.0	(0.180	) [1]
4,4'-DDT	2.20	(0.210	) [1]	2.50	(0.260	) [1]	51.0	(0.180	) [1]	40.0	(0.180	) [1]
Aldrin	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1016	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1221	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1232	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1242	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1248	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1254	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Aroclor-1260	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Dieldrin	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endosulfan I	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endosulfan II	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endosulfan sulfate	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endrin	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endrin aldehyde	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Endrin ketone	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Heptachlor	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Heptachlor epoxide	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Methoxychlor	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
Toxaphene	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
alpha-BHC	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)										
	DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3			DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12			DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3			DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.210	) [1]	ND	(0.260	) [1]	0.970	(0.180	) [1]	0.850	(0.180	) [1]
beta-BHC	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
delta-BHC	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
gamma-BHC(Lindane)	ND	(0.210	) [1]	ND	(0.260	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]
gamma-Chlordane	ND	(0.210	) [1]	ND	(0.260	) [1]	1.10	(0.180	) [1]	0.970	(0.180	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
1,2-Dichlorobenzene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
1,3-Dichlorobenzene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
1,4-Dichlorobenzene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4,5-Trichlorophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4,6-Trichlorophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4-Dichlorophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4-Dimethylphenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4-Dinitrophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,4-Dinitrotoluene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2,6-Dinitrotoluene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2-Chloronaphthalene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2-Chlorophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2-Methylnaphthalene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
2-Nitroaniline	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3			DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12			DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3			DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
3,3'-Dichlorobenzidine	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
3-Nitroaniline	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Bromophenyl-phenylether	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Chloro-3-methylphenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Chloroaniline	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Chlorophenyl-phenylether	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Nitroanaline	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
4-Nitrophenol	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Acenaphthene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Acenaphthylene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Anthracene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Benzo(a)anthracene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Benzo(a)pyrene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Benzo(b)fluoranthene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Benzo(g,h,i)perylene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Benzo(k)fluoranthene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Butylbenzylphthalate	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Carbazole	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Chrysene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Dibenz(a,h)anthracene	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]
Dibenzofuran	ND	(41.0	) [1]	ND	(53.0	) [1]	ND	(37.0	) [1]	ND	(36.0	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3					DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12					DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3					DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Dimethylphthalate	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Fluoranthene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Fluorene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Hexachloro-1,3-butadiene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Hexachlorobenzene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Hexachlorocyclopentadiene	ND	UJ	(41.0	) [1]		ND	UJ	(53.0	) [1]		ND	UJ	(37.0	) [1]		ND	UJ	(36.0	) [1]	
Hexachloroethane	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Indeno(1,2,3-cd)pyrene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Isophorone	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
N-Nitroso-di-n-propylamine	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
N-Nitrosodiphenylamine	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Naphthalene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Nitrobenzene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Pentachlorophenol	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Phenanthrene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Phenol	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
Pyrene	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
bis(2-Chloroethoxy)methane	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
bis(2-Chloroethyl)ether	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	
bis(2-Ethylhexyl)phthalate	160		(41.0	) [1]		250		(53.0	) [1]		340		(37.0	) [1]		260		(36.0	) [1]	
di-n-Butylphthalate	47.0		(41.0	) [1]		180		(53.0	) [1]		93.0		(37.0	) [1]		81.0		(36.0	) [1]	
di-n-Octylphthalate	ND		(41.0	) [1]		ND		(53.0	) [1]		ND		(37.0	) [1]		ND		(36.0	) [1]	

Compiled: 07/0[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	DVCT				DVCT				DVCT				DVCT			
Location Id	DVCT-SO01				DVCT-SO01				DVCT-SO02				DVCT-SO02			
Sample Id	NA-DVCT-SO01-31				NA-DVCT-SO01-02				NA-DVCT-SO02-01				NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01			
Log Date	09-MAR-98				09-MAR-98				09-MAR-98				09-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(41.0	) [1]	ND		(53.0	) [1]	ND		(37.0	) [1]	ND		(36.0	) [1]
p-Cresol	ND		(41.0	) [1]	ND		(53.0	) [1]	ND		(37.0	) [1]	ND		(36.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	295		(0.900	) [1]	268		(1.50	) [1]	326		(0.400	) [1]	273		(0.600	) [1]
1,2,3,4,6,7,8,9-OCDF	33.8		(0.700	) [1]	49.5		(1.20	) [1]	75.1		(0.300	) [1]	77.5		(0.500	) [1]
1,2,3,4,6,7,8-HpCDD	42.6		(0.800	) [1]	28.8		(1.30	) [1]	80.7		(0.400	) [1]	67.0		(0.500	) [1]
1,2,3,4,6,7,8-HpCDF	30.2		(0.600	) [1]	20.1		(0.900	) [1]	86.7		(0.300	) [1]	90.8		(0.400	) [1]
1,2,3,4,7,8,9-HpCDF	2.50	J	(0.700	) [1]	2.30	J	(1.20	) [1]	16.1		(0.300	) [1]	15.5		(0.500	) [1]
1,2,3,4,7,8-HxCDD	1.90	J	(0.700	) [1]	ND		(1.30	) [1]	4.70	J	(0.400	) [1]	4.10	J	(0.600	) [1]
1,2,3,4,7,8-HxCDF	11.8		(0.600	) [1]	6.60		(0.900	) [1]	44.3		(0.300	) [1]	39.5		(0.400	) [1]
1,2,3,6,7,8-HxCDD	2.80	J	(0.600	) [1]	2.50	J	(1.00	) [1]	7.80		(0.300	) [1]	7.00		(0.400	) [1]
1,2,3,6,7,8-HxCDF	5.40		(0.500	) [1]	2.80	J	(0.800	) [1]	17.6		(0.300	) [1]	17.4		(0.300	) [1]
1,2,3,7,8,9-HxCDD	5.00		(0.600	) [1]	5.50		(1.00	) [1]	11.5		(0.400	) [1]	9.80		(0.500	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.700	) [1]	ND		(1.10	) [1]	1.80	J	(0.400	) [1]	2.10	J	(0.400	) [1]
1,2,3,7,8-PeCDD	1.80	J	(0.600	) [1]	1.80	J	(0.900	) [1]	3.60	J	(0.300	) [1]	3.60	J	(0.400	) [1]
1,2,3,7,8-PeCDF	3.00	J	(0.400	) [1]	2.50	J	(0.700	) [1]	6.50		(0.200	) [1]	6.10		(0.300	) [1]
2,3,4,6,7,8-HxCDF	12.8		(0.600	) [1]	4.40	J	(1.00	) [1]	39.7		(0.300	) [1]	30.6		(0.400	) [1]
2,3,4,7,8-PeCDF	5.00		(0.400	) [1]	3.40	J	(0.700	) [1]	15.4		(0.200	) [1]	15.6		(0.300	) [1]
2,3,7,8-TCDD	ND		(0.300	) [1]	ND		(0.500	) [1]	0.550	J	(0.200	) [1]	0.450	J	(0.200	) [1]
2,3,7,8-TCDF	3.30		(0.300	) [1]	4.20		(1.00	) [1]	4.50		(1.00	) [1]	4.10		(0.800	) [1]
Total HpCDD	78.9		(0.800	) [1]	54.4		(1.30	) [1]	157		(0.400	) [1]	138		(0.500	) [1]
Total HpCDF	56.8		(0.600	) [1]	48.5		(1.00	) [1]	176		(0.300	) [1]	183		(0.400	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	38.8	(0.600	) [1]	32.6	(1.10	) [1]	112	(0.400	) [1]	102	(0.500	) [1]
Total HxCDF	66.2	(0.600	) [1]	31.1	(0.900	) [1]	211	(0.300	) [1]	190	(0.400	) [1]
Total PeCDD	19.4	(0.600	) [1]	6.10	(0.900	) [1]	73.4	(0.300	) [1]	64.8	(0.400	) [1]
Total PeCDF	64.8	(0.400	) [1]	38.9	(0.700	) [1]	194	(0.200	) [1]	182	(0.300	) [1]
Total TCDD	13.8	(0.300	) [1]	8.20	(0.500	) [1]	33.8	(0.200	) [1]	31.5	(0.200	) [1]
Total TCDF	58.5	(0.300	) [1]	18.4	(0.400	) [1]	104	(0.100	) [1]	93.6	(0.200	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	DVCT DVCT-SO03 NA-DVCT-SO03-01 09-MAR-98 0-3			DVCT DVCT-SO03 NA-DVCT-SO03-02 09-MAR-98 3-12			DVCT DVCT-SO04 NA-DVCT-SO04-01 09-MAR-98 0-3			DVCT DVCT-SO05 NA-DVCT-SO05-01 09-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
4,4'-DDE	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	32.0	(0.210	) [1]
4,4'-DDT	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	18.0	(0.210	) [1]
Aldrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1016	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1221	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1232	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1242	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1248	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1254	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Aroclor-1260	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Dieldrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	2.30	(0.210	) [1]
Endosulfan I	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Endosulfan II	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Endosulfan sulfate	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Endrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Endrin aldehyde	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Endrin ketone	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Heptachlor	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Heptachlor epoxide	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Methoxychlor	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
Toxaphene	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
alpha-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	DVCT DVCT-SO03 NA-DVCT-SO03-01 09-MAR-98 0-3			DVCT DVCT-SO03 NA-DVCT-SO03-02 09-MAR-98 3-12			DVCT DVCT-SO04 NA-DVCT-SO04-01 09-MAR-98 0-3			DVCT DVCT-SO05 NA-DVCT-SO05-01 09-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	0.810	(0.210	) [1]
beta-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
delta-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
gamma-BHC(Lindane)	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
gamma-Chlordane	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]	ND	(0.210	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
1,2-Dichlorobenzene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
1,3-Dichlorobenzene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
1,4-Dichlorobenzene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4,5-Trichlorophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4,6-Trichlorophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4-Dichlorophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4-Dimethylphenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4-Dinitrophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,4-Dinitrotoluene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2,6-Dinitrotoluene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2-Chloronaphthalene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2-Chlorophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2-Methylnaphthalene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
2-Nitroaniline	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]

Table 1
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Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
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OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
3,3'-Dichlorobenzidine	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
3-Nitroaniline	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Bromophenyl-phenylether	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Chloro-3-methylphenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Chloroaniline	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Chlorophenyl-phenylether	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Nitroanaline	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
4-Nitrophenol	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Acenaphthene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Acenaphthylene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Anthracene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Benzo(a)anthracene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Benzo(a)pyrene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Benzo(b)fluoranthene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Benzo(g,h,i)perylene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Benzo(k)fluoranthene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Butylbenzylphthalate	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Carbazole	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Chrysene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Dibenz(a,h)anthracene	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]
Dibenzofuran	ND	(35.0	) [1]	ND	(36.0	) [1]	ND	(38.0	) [1]	ND	(42.0	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)				Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)				Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)				Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)			
	DVCT DVCT-SO03 NA-DVCT-SO03-01 09-MAR-98 0-3				DVCT DVCT-SO03 NA-DVCT-SO03-02 09-MAR-98 3-12				DVCT DVCT-SO04 NA-DVCT-SO04-01 09-MAR-98 0-3				DVCT DVCT-SO05 NA-DVCT-SO05-01 09-MAR-98 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
Diethylphthalate	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Dimethylphthalate	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Fluoranthene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Fluorene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Hexachloro-1,3-butadiene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Hexachlorobenzene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Hexachlorocyclopentadiene	ND	UJ	(35.0	) [1]	ND	UJ	(36.0	) [1]	ND	UJ	(38.0	) [1]	ND	UJ	(42.0	) [1]
Hexachloroethane	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Indeno(1,2,3-cd)pyrene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Isophorone	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
N-Nitroso-di-n-propylamine	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
N-Nitrosodiphenylamine	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Naphthalene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Nitrobenzene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Pentachlorophenol	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Phenanthrene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Phenol	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
Pyrene	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
bis(2-Chloroethoxy)methane	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
bis(2-Chloroethyl)ether	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
bis(2-Ethylhexyl)phthalate	89.0		(35.0	) [1]	84.0		(36.0	) [1]	ND		(38.0	) [1]	220		(42.0	) [1]
di-n-Butylphthalate	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]
di-n-Octylphthalate	ND		(35.0	) [1]	ND		(36.0	) [1]	ND		(38.0	) [1]	ND		(42.0	) [1]

Compiled: 07/01[redacted]

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Table 1

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OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)													
o-Cresol	ND		(35.0) [1]	ND		(36.0) [1]	ND		(38.0) [1]	ND		(42.0) [1]	
p-Cresol	ND		(35.0) [1]	ND		(36.0) [1]	ND		(38.0) [1]	ND		(42.0) [1]	
SW8290 - Dioxins (ppt)													
1,2,3,4,6,7,8,9-OCDD	75.2		(0.900) [1]	18.5		(0.400) [1]	10.5		(1.10) [1]	972		(1.10) [1]	
1,2,3,4,6,7,8,9-OCDF	103		(0.700) [1]	17.4		(0.300) [1]	ND		(1.00) [1]	50.8		(1.00) [1]	
1,2,3,4,6,7,8-HpCDD	27.4		(0.800) [1]	5.10		(0.400) [1]	1.30	J	(0.800) [1]	89.0		(0.800) [1]	
1,2,3,4,6,7,8-HpCDF	59.2		(0.600) [1]	11.2		(0.300) [1]	1.30	J	(0.500) [1]	34.5		(0.500) [1]	
1,2,3,4,7,8,9-HpCDF	19.2		(0.800) [1]	4.00	J	(0.400) [1]	ND		(0.700) [1]	6.10	J	(0.700) [1]	
1,2,3,4,7,8-HxCDD	1.80	J	(1.00) [1]	ND		(0.400) [1]	ND		(0.600) [1]	2.80	J	(0.600) [1]	
1,2,3,4,7,8-HxCDF	33.3		(0.600) [1]	6.80		(0.300) [1]	0.770	J	(0.400) [1]	16.6		(0.400) [1]	
1,2,3,6,7,8-HxCDD	3.00	J	(0.800) [1]	0.560	J	(0.300) [1]	ND		(0.600) [1]	6.80		(0.600) [1]	
1,2,3,6,7,8-HxCDF	10.8		(0.500) [1]	2.40	J	(0.200) [1]	ND		(0.400) [1]	8.10		(0.400) [1]	
1,2,3,7,8,9-HxCDD	4.80	J	(0.800) [1]	0.880	J	(0.400) [1]	ND		(0.600) [1]	8.60		(0.600) [1]	
1,2,3,7,8,9-HxCDF	3.60	J	(0.700) [1]	0.700	J	(0.400) [1]	ND		(0.500) [1]	1.40	J	(0.500) [1]	
1,2,3,7,8-PeCDD	1.70	J	(0.700) [1]	ND	UJ	(0.300) [1]	ND		(0.500) [1]	2.00	J	(0.400) [1]	
1,2,3,7,8-PeCDF	15.9		(0.400) [1]	2.20	J	(0.200) [1]	ND		(0.400) [1]	3.90	J	(0.400) [1]	
2,3,4,6,7,8-HxCDF	10.6		(0.600) [1]	2.90	J	(0.300) [1]	ND		(0.500) [1]	17.0		(0.500) [1]	
2,3,4,7,8-PeCDF	8.20		(0.500) [1]	1.30	J	(0.200) [1]	ND		(0.400) [1]	6.10		(0.400) [1]	
2,3,7,8-TCDD	0.550	J	(0.300) [1]	ND		(0.200) [1]	ND		(0.400) [1]	0.420	J	(0.300) [1]	
2,3,7,8-TCDF	10.3		(0.500) [1]	1.50		(0.700) [1]	0.800	J	(0.300) [1]	2.60		(0.700) [1]	
Total HpCDD	48.6		(0.800) [1]	10.4		(0.400) [1]	3.00		(0.800) [1]	182		(0.800) [1]	
Total HpCDF	115		(0.700) [1]	21.9		(0.300) [1]	1.30		(0.600) [1]	78.1		(0.500) [1]	

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SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	62.2	(0.900	) [1]	9.00	(0.400	) [1]	ND	(0.600	) [1]	71.8	(0.600	) [1]
Total HxCDF	103	(0.600	) [1]	22.7	(0.300	) [1]	1.70	(0.400	) [1]	104	(0.400	) [1]
Total PeCDD	45.0	(0.700	) [1]	5.90	(0.300	) [1]	0.780	(0.500	) [1]	20.6	(0.400	) [1]
Total PeCDF	86.3	(0.500	) [1]	16.2	(0.200	) [1]	0.900	(0.400	) [1]	88.9	(0.400	) [1]
Total TCDD	24.3	(0.300	) [1]	4.50	(0.200	) [1]	ND	(0.400	) [1]	22.3	(0.300	) [1]
Total TCDF	49.6	(0.300	) [1]	10.8	(0.200	) [1]	0.800	(0.300	) [1]	79.2	(0.300	) [1]

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Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	DVCT DVCT-SO05 NA-DVCT-SO05-02 09-MAR-98 3-12				DVCT DVCT-SO06 NA-DVCT-SO06-01 09-MAR-98 0-3				DVCT DVCT-SO07 NA-DVCT-SO07-01 09-MAR-98 0-3				DVCT DVCT-SO07 NA-DVCT-SO07-02 09-MAR-98 3-12			
OLM03.2 - Pesticides and PCBs (ug/kg)																
4,4'-DDD	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
4,4'-DDE	6.80		(0.270	) [1]	14.0		(0.280	) [1]	0.630		(0.180	) [1]	190		(2.10	) [10]
4,4'-DDT	5.60	J	(0.270	) [1]	8.10	J	(0.280	) [1]	1.70		(0.180	) [1]	110		(2.10	) [10]
Aldrin	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1016	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1221	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1232	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1242	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1248	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1254	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Aroclor-1260	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Dieldrin	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endosulfan I	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endosulfan II	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endosulfan sulfate	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endrin	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endrin aldehyde	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Endrin ketone	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Heptachlor	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Heptachlor epoxide	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Methoxychlor	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
Toxaphene	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]
alpha-BHC	ND		(0.270	) [1]	ND		(0.280	) [1]	ND		(0.180	) [1]	ND		(0.210	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)											
	DVCT / DVCT-SO05 / NA-DVCT-SO05-02 / 09-MAR-98 / 3-12			DVCT / DVCT-SO06 / NA-DVCT-SO06-01 / 09-MAR-98 / 0-3			DVCT / DVCT-SO07 / NA-DVCT-SO07-01 / 09-MAR-98 / 0-3			DVCT / DVCT-SO07 / NA-DVCT-SO07-02 / 09-MAR-98 / 3-12		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.270	) [1]	0.900	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.210	) [1]
beta-BHC	ND	(0.270	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.210	) [1]
delta-BHC	ND	(0.270	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.210	) [1]
gamma-BHC(Lindane)	ND	(0.270	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.210	) [1]
gamma-Chlordane	ND	(0.270	) [1]	0.850	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.210	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
1,2-Dichlorobenzene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
1,3-Dichlorobenzene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
1,4-Dichlorobenzene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4,5-Trichlorophenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4,6-Trichlorophenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4-Dichlorophenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4-Dimethylphenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4-Dinitrophenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,4-Dinitrotoluene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2,6-Dinitrotoluene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2-Chloronaphthalene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2-Chlorophenol	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2-Methylnaphthalene	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
2-Nitroaniline	ND	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)			
	DVCT DVCT-SO05 NA-DVCT-SO05-02 09-MAR-98 3-12	DVCT DVCT-SO06 NA-DVCT-SO06-01 09-MAR-98 0-3	DVCT DVCT-SO07 NA-DVCT-SO07-01 09-MAR-98 0-3	DVCT DVCT-SO07 NA-DVCT-SO07-02 09-MAR-98 3-12
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)				
2-Nitrophenol	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
3,3'-Dichlorobenzidine	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
3-Nitroaniline	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4,6-Dinitro-2-methylphenol	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Bromophenyl-phenylether	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Chloro-3-methylphenol	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Chloroaniline	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Chlorophenyl-phenylether	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Nitroanaline	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
4-Nitrophenol	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Acenaphthene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Acenaphthylene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Anthracene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Benzo(a)anthracene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Benzo(a)pyrene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Benzo(b)fluoranthene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Benzo(g,h,i)perylene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Benzo(k)fluoranthene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Butylbenzylphthalate	ND (55.0) [1]	130 (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Carbazole	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Chrysene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Dibenz(a,h)anthracene	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]
Dibenzofuran	ND (55.0) [1]	ND (56.0) [1]	ND (36.0) [1]	ND (43.0) [1]

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Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
			DVCT DVCT-SO05 NA-DVCT-SO05-02 09-MAR-98 3-12			DVCT DVCT-SO06 NA-DVCT-SO06-01 09-MAR-98 0-3			DVCT DVCT-SO07 NA-DVCT-SO07-01 09-MAR-98 0-3			DVCT DVCT-SO07 NA-DVCT-SO07-02 09-MAR-98 3-12		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
Diethylphthalate	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Dimethylphthalate	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Fluoranthene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Fluorene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Hexachloro-1,3-butadiene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Hexachlorobenzene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Hexachlorocyclopentadiene	ND	UJ	(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Hexachloroethane	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Indeno(1,2,3-cd)pyrene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Isophorone	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
N-Nitroso-di-n-propylamine	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
N-Nitrosodiphenylamine	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Naphthalene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Nitrobenzene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Pentachlorophenol	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Phenanthrene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Phenol	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
Pyrene	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
bis(2-Chloroethoxy)methane	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
bis(2-Chloroethyl)ether	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
bis(2-Ethylhexyl)phthalate	ND		(55.0	) [1]	300	(56.0	) [1]	170	(36.0	) [1]	70.0	(43.0	) [1]
di-n-Butylphthalate	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]
di-n-Octylphthalate	ND		(55.0	) [1]	ND	(56.0	) [1]	ND	(36.0	) [1]	ND	(43.0	) [1]

Compiled: 07/01[redacted]

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Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	DVCT DVCT-SO05 NA-DVCT-SO05-02 09-MAR-98 3-12				DVCT DVCT-SO06 NA-DVCT-SO06-01 09-MAR-98 0-3				DVCT DVCT-SO07 NA-DVCT-SO07-01 09-MAR-98 0-3				DVCT DVCT-SO07 NA-DVCT-SO07-02 09-MAR-98 3-12			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(55.0	) [1]	ND		(56.0	) [1]	ND		(36.0	) [1]	ND		(43.0	) [1]
p-Cresol	ND		(55.0	) [1]	ND		(56.0	) [1]	ND		(36.0	) [1]	ND		(43.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	202		(1.60	) [1]	346		(0.700	) [1]	22.7		(1.30	) [1]	99.7		(1.00	) [1]
1,2,3,4,6,7,8,9-OCDF	7.90	J	(1.40	) [1]	21.7		(0.600	) [1]	1.80	J	(1.10	) [1]	6.20	J	(0.900	) [1]
1,2,3,4,6,7,8-HpCDD	15.6		(1.20	) [1]	35.7		(0.500	) [1]	2.70	J	(0.900	) [1]	10.8		(0.700	) [1]
1,2,3,4,6,7,8-HpCDF	6.30		(0.800	) [1]	21.9		(0.300	) [1]	2.20	J	(0.600	) [1]	6.90		(0.400	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(1.10	) [1]	3.70	J	(0.500	) [1]	ND		(0.800	) [1]	0.750	J	(0.600	) [1]
1,2,3,4,7,8-HxCDD	ND		(1.00	) [1]	1.10	J	(0.400	) [1]	ND		(0.600	) [1]	ND		(0.500	) [1]
1,2,3,4,7,8-HxCDF	2.50	J	(0.600	) [1]	8.90		(0.300	) [1]	0.970	J	(0.500	) [1]	2.80	J	(0.400	) [1]
1,2,3,6,7,8-HxCDD	2.40	J	(1.00	) [1]	3.10	J	(0.400	) [1]	ND		(0.600	) [1]	1.10	J	(0.500	) [1]
1,2,3,6,7,8-HxCDF	1.30	J	(0.600	) [1]	4.10	J	(0.300	) [1]	ND		(0.400	) [1]	1.30	J	(0.400	) [1]
1,2,3,7,8,9-HxCDD	8.20		(1.00	) [1]	4.20	J	(0.400	) [1]	ND		(0.600	) [1]	3.30	J	(0.500	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.800	) [1]	0.760	J	(0.400	) [1]	ND		(0.600	) [1]	ND		(0.500	) [1]
1,2,3,7,8-PeCDD	2.00	J	(0.700	) [1]	1.00	J	(0.300	) [1]	ND		(0.400	) [1]	1.20	J	(0.800	) [1]
1,2,3,7,8-PeCDF	1.20	J	(0.500	) [1]	1.90	J	(0.300	) [1]	ND		(0.400	) [1]	0.870	J	(0.300	) [1]
2,3,4,6,7,8-HxCDF	1.50	J	(0.700	) [1]	9.40		(0.400	) [1]	0.880	J	(0.500	) [1]	2.20	J	(0.400	) [1]
2,3,4,7,8-PeCDF	1.40	J	(0.500	) [1]	3.10	J	(0.300	) [1]	ND		(0.400	) [1]	1.40	J	(0.400	) [1]
2,3,7,8-TCDD	ND		(0.500	) [1]	ND		(0.300	) [1]	ND		(0.400	) [1]	ND		(0.300	) [1]
2,3,7,8-TCDF	1.30		(0.600	) [1]	1.80		(0.700	) [1]	0.690	J	(0.300	) [1]	1.20		(0.500	) [1]
Total HpCDD	33.4		(1.20	) [1]	72.6		(0.500	) [1]	6.10		(0.900	) [1]	24.0		(0.700	) [1]
Total HpCDF	12.0		(0.900	) [1]	45.9		(0.400	) [1]	2.20		(0.700	) [1]	11.4		(0.500	) [1]

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SW8290 - Dioxins, cont. (ppt)									
Total HxCDD	33.6	(1.00) [1]	34.4	(0.400) [1]	2.00	(0.600) [1]	16.7	(0.500) [1]	
Total HxCDF	13.4	(0.700) [1]	56.1	(0.300) [1]	3.40	(0.500) [1]	12.1	(0.400) [1]	
Total PeCDD	4.70	(0.700) [1]	11.8	(0.300) [1]	0.830	(0.400) [1]	5.60	(0.800) [1]	
Total PeCDF	9.80	(0.500) [1]	44.1	(0.300) [1]	0.850	(0.400) [1]	13.0	(0.400) [1]	
Total TCDD	3.40	(0.500) [1]	16.1	(0.300) [1]	0.810	(0.400) [1]	4.50	(0.300) [1]	
Total TCDF	23.5	(0.400) [1]	41.3	(0.200) [1]	0.690	(0.300) [1]	17.6	(0.200) [1]	
TOC (mg/kg)									
Total Organic Carbon	NA		12800	(898) [1]	NA		NA		

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO08 NA-DVCT-SO08-01 09-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-01 08-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-02 08-MAR-98 3-12			ELEM ELEM-SO02 NA-ELEM-SO02-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
4,4'-DDE	12.0	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
4,4'-DDT	17.0	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aldrin	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1016	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1221	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1232	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1242	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1248	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1254	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Aroclor-1260	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Dieldrin	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endosulfan I	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endosulfan II	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endosulfan sulfate	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endrin	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endrin aldehyde	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Endrin ketone	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Heptachlor	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Heptachlor epoxide	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Methoxychlor	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
Toxaphene	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
alpha-BHC	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	DVCT DVCT-SO08 NA-DVCT-SO08-01 09-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-01 08-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-02 08-MAR-98 3-12			ELEM ELEM-SO02 NA-ELEM-SO02-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
beta-BHC	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
delta-BHC	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
gamma-BHC(Lindane)	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
gamma-Chlordane	ND	(0.220	) [1]	ND	(0.170	) [1]	ND	(0.180	) [1]	ND	(0.190	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
1,2-Dichlorobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
1,3-Dichlorobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
1,4-Dichlorobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4,5-Trichlorophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4,6-Trichlorophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4-Dichlorophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4-Dimethylphenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4-Dinitrophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,4-Dinitrotoluene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2,6-Dinitrotoluene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2-Chloronaphthalene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2-Chlorophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2-Methylnaphthalene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
2-Nitroaniline	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO08 NA-DVCT-SO08-01 09-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-01 08-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-02 08-MAR-98 3-12			ELEM ELEM-SO02 NA-ELEM-SO02-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
3,3'-Dichlorobenzidine	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
3-Nitroaniline	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Bromophenyl-phenylether	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Chloro-3-methylphenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Chloroaniline	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Chlorophenyl-phenylether	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Nitroanaline	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
4-Nitrophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Acenaphthene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Acenaphthylene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Anthracene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Benzo(a)anthracene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Benzo(a)pyrene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Benzo(b)fluoranthene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Benzo(g,h,i)perylene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Benzo(k)fluoranthene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Butylbenzylphthalate	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Carbazole	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Chrysene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Dibenz(a,h)anthracene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Dibenzofuran	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	DVCT DVCT-SO08 NA-DVCT-SO08-01 09-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-01 08-MAR-98 0-3			ELEM ELEM-SO01 NA-ELEM-SO01-02 08-MAR-98 3-12			ELEM ELEM-SO02 NA-ELEM-SO02-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(44.0	) [1]	47.0	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Dimethylphthalate	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Fluoranthene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Fluorene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Hexachloro-1,3-butadiene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Hexachlorobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Hexachlorocyclopentadiene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Hexachloroethane	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Isophorone	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
N-Nitroso-di-n-propylamine	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
N-Nitrosodiphenylamine	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Naphthalene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Nitrobenzene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Pentachlorophenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Phenanthrene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Phenol	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
Pyrene	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
bis(2-Chloroethoxy)methane	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
bis(2-Chloroethyl)ether	ND	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
bis(2-Ethylhexyl)phthalate	460	(44.0	) [1]	210	(35.0	) [1]	65.0	(37.0	) [1]	240	(37.0	) [1]
di-n-Butylphthalate	200	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]
di-n-Octylphthalate	54.0	(44.0	) [1]	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	DVCT				ELEM				ELEM				ELEM	
	DVCT-SO08				ELEM-SO01				ELEM-SO01				ELEM-SO02	
	NA-DVCT-SO08-01				NA-ELEM-SO01-01				NA-ELEM-SO01-02				NA-ELEM-SO02-01	
	09-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98	
	0-3				0-3				3-12				0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
o-Cresol	ND		(44.0	) [1]	ND		(35.0	) [1]	ND		(37.0	) [1]	ND	(37.0) [1]
p-Cresol	ND		(44.0	) [1]	ND		(35.0	) [1]	ND		(37.0	) [1]	ND	(37.0) [1]
SW8290 - Dioxins (ppt)														
1,2,3,4,6,7,8,9-OCDD	713		(2.30	) [1]	16.4	BJ	(0.500	) [1]	57.1	J	(0.600	) [1]	26.1	J (0.400) [1]
1,2,3,4,6,7,8,9-OCDF	81.7		(2.00	) [1]	5.90	J	(0.400	) [1]	66.4		(0.500	) [1]	2.50	J (0.300) [1]
1,2,3,4,6,7,8-HpCDD	117		(1.40	) [1]	3.20	BJ	(0.400	) [1]	18.8	J	(0.500	) [1]	3.70	BJ (0.300) [1]
1,2,3,4,6,7,8-HpCDF	86.4		(0.800	) [1]	6.10		(0.300	) [1]	43.4		(0.300	) [1]	3.30	BJ (0.200) [1]
1,2,3,4,7,8,9-HpCDF	12.8		(1.20	) [1]	1.20	J	(0.500	) [1]	12.7		(0.500	) [1]	ND	(0.300) [1]
1,2,3,4,7,8-HxCDD	4.50	J	(1.00	) [1]	ND	UJ	(0.300	) [1]	ND	UJ	(1.10	) [1]	ND	(0.300) [1]
1,2,3,4,7,8-HxCDF	35.8		(0.600	) [1]	2.80	J	(0.300	) [1]	21.7		(0.400	) [1]	0.970	J (0.200) [1]
1,2,3,6,7,8-HxCDD	12.9		(1.00	) [1]	0.440	J	(0.300	) [1]	2.60	J	(0.400	) [1]	ND	(0.200) [1]
1,2,3,6,7,8-HxCDF	16.2		(0.600	) [1]	1.30	BJ	(0.300	) [1]	7.90		(0.300	) [1]	0.490	J (0.200) [1]
1,2,3,7,8,9-HxCDD	14.9		(1.00	) [1]	0.500	J	(0.300	) [1]	2.90	J	(0.400	) [1]	ND	(0.200) [1]
1,2,3,7,8,9-HxCDF	2.20	J	(0.900	) [1]	ND		(0.400	) [1]	2.10	J	(0.500	) [1]	ND	(0.300) [1]
1,2,3,7,8-PeCDD	5.50		(0.700	) [1]	ND		(0.400	) [1]	1.10	J	(0.500	) [1]	ND	(0.200) [1]
1,2,3,7,8-PeCDF	6.30		(0.500	) [1]	0.810	J	(0.400	) [1]	7.20		(0.400	) [1]	ND	(0.300) [1]
2,3,4,6,7,8-HxCDF	36.1		(0.800	) [1]	2.60	BJ	(0.300	) [1]	10.8		(0.400	) [1]	1.10	BJ (0.200) [1]
2,3,4,7,8-PeCDF	13.3		(0.500	) [1]	0.950	J	(0.400	) [1]	5.00	J	(0.400	) [1]	0.370	J (0.300) [1]
2,3,7,8-TCDD	ND		(0.400	) [1]	ND		(0.400	) [1]	ND		(0.400	) [1]	ND	(0.300) [1]
2,3,7,8-TCDF	4.20		(0.600	) [1]	0.540	J	(0.200	) [1]	4.90		(0.400	) [1]	0.170	J (0.0700) [1]
Total HpCDD	229		(1.40	) [1]	6.60		(0.400	) [1]	36.1		(0.500	) [1]	8.90	(0.300) [1]
Total HpCDF	166		(1.00	) [1]	9.40		(0.400	) [1]	78.5		(0.400	) [1]	5.60	(0.300) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	DVCT			ELEM			ELEM			ELEM		
Location Id	DVCT-SO08			ELEM-SO01			ELEM-SO01			ELEM-SO02		
Sample Id	NA-DVCT-SO08-01			NA-ELEM-SO01-01			NA-ELEM-SO01-02			NA-ELEM-SO02-01		
Log Date	09-MAR-98			08-MAR-98			08-MAR-98			08-MAR-98		
Beg. Depth - End Depth (in.)	0-3			0-3			3-12			0-3		
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	161		(1.00) [1]	4.70	(0.300) [1]		25.2	(0.400) [1]		2.80	(0.200) [1]	
Total HxCDF	215		(0.700) [1]	13.0	(0.300) [1]		78.4	(0.400) [1]		3.80	(0.200) [1]	
Total PeCDD	633		(0.700) [1]	0.680	(0.400) [1]		10.7	(0.500) [1]		0.610	(0.200) [1]	
Total PeCDF	216		(0.500) [1]	9.70	(0.400) [1]		57.5	(0.400) [1]		3.20	(0.300) [1]	
Total TCDD	3330	J	(0.400) [1]	1.90	(0.400) [1]		12.6	(0.400) [1]		0.480	(0.300) [1]	
Total TCDF	284		(0.300) [1]	3.50	(0.300) [1]		32.6	(0.400) [1]		1.10	(0.300) [1]	
TOC (mg/kg)												
Total Organic Carbon	NA			NA			NA			2360	(274) [1]	

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)												
	ELEM / ELEM-SO02 / NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 / 08-MAR-98 / 0-3			ELEM / ELEM-SO03 / NA-ELEM-SO03-01 / 08-MAR-98 / 0-3			ELEM / ELEM-SO03 / NA-ELEM-SO03-02 / 08-MAR-98 / 3-12				ELEM / ELEM-SO04 / NA-ELEM-SO04-01 / 08-MAR-98 / 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)													
4,4'-DDD	ND	(0.190	) [1]	120	(2.20	) [10]	140	J	(0.460	) [2]	ND	(0.210	) [1]
4,4'-DDE	ND	(0.190	) [1]	39.0	(0.220	) [1]	29.0	J	(0.460	) [2]	2.50	(0.210	) [1]
4,4'-DDT	ND	(0.190	) [1]	47.0	(0.220	) [1]	64.0		(0.460	) [2]	3.10	(0.210	) [1]
Aldrin	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1016	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1221	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1232	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1242	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1248	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Aroclor-1254	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	42.0	(0.210	) [1]
Aroclor-1260	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Dieldrin	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endosulfan I	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endosulfan II	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endosulfan sulfate	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endrin	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endrin aldehyde	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Endrin ketone	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Heptachlor	ND	(0.190	) [1]	11.0 J	(0.220	) [1]	41.0		(0.460	) [2]	ND	(0.210	) [1]
Heptachlor epoxide	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Methoxychlor	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
Toxaphene	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]
alpha-BHC	ND	(0.190	) [1]	ND	(0.220	) [1]	ND		(0.460	) [2]	ND	(0.210	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)										
	ELEM ELEM-SO02 NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 08-MAR-98 0-3			ELEM ELEM-SO03 NA-ELEM-SO03-01 08-MAR-98 0-3			ELEM ELEM-SO03 NA-ELEM-SO03-02 08-MAR-98 3-12			ELEM ELEM-SO04 NA-ELEM-SO04-01 08-MAR-98 0-3	
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)											
alpha-Chlordane	ND	(0.190	) [1]	220	(2.20	) [10]	370	(4.60	) [20]	ND	(0.210	) [1]
beta-BHC	ND	(0.190	) [1]	ND	(0.220	) [1]	ND	(0.460	) [2]	ND	(0.210	) [1]
delta-BHC	ND	(0.190	) [1]	ND	(0.220	) [1]	ND	(0.460	) [2]	ND	(0.210	) [1]
gamma-BHC(Lindane)	ND	(0.190	) [1]	ND	(0.220	) [1]	ND	(0.460	) [2]	ND	(0.210	) [1]
gamma-Chlordane	ND	(0.190	) [1]	220	(2.20	) [10]	420	(4.60	) [20]	ND	(0.210	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)											
1,2,4-Trichlorobenzene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
1,2-Dichlorobenzene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
1,3-Dichlorobenzene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
1,4-Dichlorobenzene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4,5-Trichlorophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4,6-Trichlorophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4-Dichlorophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4-Dimethylphenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4-Dinitrophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,4-Dinitrotoluene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2,6-Dinitrotoluene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2-Chloronaphthalene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2-Chlorophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
2-Methylnaphthalene	ND	(37.0	) [1]	ND	(45.0	) [1]	75.0	(46.0	) [1]	ND	(43.0	) [1]
2-Nitroaniline	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	ELEM ELEM-SO02 NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 08-MAR-98 0-3			ELEM ELEM-SO03 NA-ELEM-SO03-01 08-MAR-98 0-3			ELEM ELEM-SO03 NA-ELEM-SO03-02 08-MAR-98 3-12			ELEM ELEM-SO04 NA-ELEM-SO04-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
3,3'-Dichlorobenzidine	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
3-Nitroaniline	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Bromophenyl-phenylether	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Chloro-3-methylphenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Chloroaniline	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Chlorophenyl-phenylether	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Nitroanaline	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
4-Nitrophenol	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
Acenaphthene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
Acenaphthylene	ND	(37.0	) [1]	ND	(45.0	) [1]	49.0	(46.0	) [1]	ND	(43.0	) [1]
Anthracene	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
Benzo(a)anthracene	ND	(37.0	) [1]	ND	(45.0	) [1]	520	(46.0	) [1]	ND	(43.0	) [1]
Benzo(a)pyrene	ND	(37.0	) [1]	ND	(45.0	) [1]	670	(46.0	) [1]	ND	(43.0	) [1]
Benzo(b)fluoranthene	ND	(37.0	) [1]	ND	(45.0	) [1]	680	(46.0	) [1]	ND	(43.0	) [1]
Benzo(g,h,i)perylene	ND	(37.0	) [1]	ND	(45.0	) [1]	680	(46.0	) [1]	ND	(43.0	) [1]
Benzo(k)fluoranthene	ND	(37.0	) [1]	ND	(45.0	) [1]	520	(46.0	) [1]	ND	(43.0	) [1]
Butylbenzylphthalate	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
Carbazole	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]
Chrysene	ND	(37.0	) [1]	ND	(45.0	) [1]	570	(46.0	) [1]	ND	(43.0	) [1]
Dibenz(a,h)anthracene	ND	(37.0	) [1]	ND	(45.0	) [1]	290	(46.0	) [1]	ND	(43.0	) [1]
Dibenzofuran	ND	(37.0	) [1]	ND	(45.0	) [1]	ND	(46.0	) [1]	ND	(43.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	ELEM	ELEM	ELEM	ELEM	ELEM
	ELEM-SO02	ELEM-SO03	ELEM-SO03	ELEM-SO04	ELEM-SO04
	NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01	NA-ELEM-SO03-01	NA-ELEM-SO03-02	NA-ELEM-SO04-01	
	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98	
	0-3	0-3	3-12	0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
Diethylphthalate	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Dimethylphthalate	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Fluoranthene	ND (37.0) [1]	ND (45.0) [1]	450 (46.0) [1]	ND (43.0) [1]	
Fluorene	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Hexachloro-1,3-butadiene	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Hexachlorobenzene	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Hexachlorocyclopentadiene	ND (37.0) [1]	ND UJ (45.0) [1]	ND UJ (46.0) [1]	ND UJ (43.0) [1]	
Hexachloroethane	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Indeno(1,2,3-cd)pyrene	ND (37.0) [1]	ND (45.0) [1]	610 (46.0) [1]	ND (43.0) [1]	
Isophorone	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
N-Nitroso-di-n-propylamine	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
N-Nitrosodiphenylamine	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Naphthalene	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Nitrobenzene	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Pentachlorophenol	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Phenanthrene	ND (37.0) [1]	ND (45.0) [1]	61.0 (46.0) [1]	ND (43.0) [1]	
Phenol	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
Pyrene	ND (37.0) [1]	ND (45.0) [1]	560 (46.0) [1]	ND (43.0) [1]	
bis(2-Chloroethoxy)methane	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
bis(2-Chloroethyl)ether	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	
bis(2-Ethylhexyl)phthalate	260 (37.0) [1]	400 (45.0) [1]	190 (46.0) [1]	590 (43.0) [1]	
di-n-Butylphthalate	ND (37.0) [1]	330 (45.0) [1]	470 (46.0) [1]	350 (43.0) [1]	
di-n-Octylphthalate	ND (37.0) [1]	ND (45.0) [1]	ND (46.0) [1]	ND (43.0) [1]	

Compiled: 07/01

() = Detection Limit [] = Dilution Factor Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Site Id				Site Id				Site Id			
	Location Id				Location Id				Location Id				Location Id			
	Sample Id				Sample Id				Sample Id				Sample Id			
	Log Date				Log Date				Log Date				Log Date			
	Beg. Depth - End Depth (in.)				Beg. Depth - End Depth (in.)				Beg. Depth - End Depth (in.)				Beg. Depth - End Depth (in.)			
	ELEM				ELEM				ELEM				ELEM			
	ELEM-SO02				ELEM-SO03				ELEM-SO03				ELEM-SO04			
	NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01				NA-ELEM-SO03-01				NA-ELEM-SO03-02				NA-ELEM-SO04-01			
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98			
	0-3				0-3				3-12				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(37.0	) [1]	ND		(45.0	) [1]	ND		(46.0	) [1]	ND		(43.0	) [1]
p-Cresol	ND		(37.0	) [1]	ND		(45.0	) [1]	ND		(46.0	) [1]	ND		(43.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	11.2	B	(0.800	) [1]	2370		(1.20	) [1]	5540	J	(0.800	) [1]	335		(0.500	) [1]
1,2,3,4,6,7,8,9-OCDF	1.50	J	(0.600	) [1]	117	J	(1.00	) [1]	270		(0.700	) [1]	36.6	J	(0.400	) [1]
1,2,3,4,6,7,8-HpCDD	2.00	BJ	(0.500	) [1]	133	J	(0.700	) [1]	296		(0.400	) [1]	41.2		(0.300	) [1]
1,2,3,4,6,7,8-HpCDF	2.40	BJ	(0.400	) [1]	52.9		(0.500	) [1]	66.7		(0.200	) [1]	37.7		(0.200	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(0.500	) [1]	5.90		(0.700	) [1]	3.50	J	(0.300	) [1]	6.00		(0.300	) [1]
1,2,3,4,7,8-HxCDD	ND		(0.300	) [1]	1.90	J	(0.500	) [1]	1.70	J	(0.300	) [1]	2.10	J	(0.200	) [1]
1,2,3,4,7,8-HxCDF	1.10	J	(0.300	) [1]	16.0		(0.400	) [1]	4.90	J	(0.200	) [1]	15.2	J	(0.100	) [1]
1,2,3,6,7,8-HxCDD	ND		(0.300	) [1]	7.50	J	(0.400	) [1]	11.1		(0.200	) [1]	4.20	J	(0.100	) [1]
1,2,3,6,7,8-HxCDF	0.530	BJ	(0.200	) [1]	6.90		(0.400	) [1]	2.20	BJ	(0.200	) [1]	6.70		(0.100	) [1]
1,2,3,7,8,9-HxCDD	0.320	J	(0.300	) [1]	4.60	J	(0.500	) [1]	8.80	J	(0.200	) [1]	5.00	J	(0.100	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.300	) [1]	3.30	J	(0.600	) [1]	0.330	J	(0.200	) [1]	0.560	J	(0.100	) [1]
1,2,3,7,8-PeCDD	ND		(0.300	) [1]	1.80	J	(0.500	) [1]	2.40	J	(0.200	) [1]	1.70	J	(0.100	) [1]
1,2,3,7,8-PeCDF	ND		(0.300	) [1]	28.4		(0.400	) [1]	0.820	J	(0.200	) [1]	2.40	J	(0.100	) [1]
2,3,4,6,7,8-HxCDF	1.00	BJ	(0.300	) [1]	15.1	J	(0.500	) [1]	4.70	J	(0.200	) [1]	16.6	J	(0.100	) [1]
2,3,4,7,8-PeCDF	0.600	J	(0.300	) [1]	19.7		(0.400	) [1]	1.50	J	(0.200	) [1]	5.10		(0.100	) [1]
2,3,7,8-TCDD	ND		(0.300	) [1]	ND		(0.400	) [1]	0.510	J	(0.200	) [1]	0.280	J	(0.100	) [1]
2,3,7,8-TCDF	0.260	J	(0.100	) [1]	22.5		(0.0900	) [1]	0.960	J	(0.100	) [1]	1.40		(0.100	) [1]
Total HpCDD	4.40		(0.500	) [1]	232		(0.700	) [1]	536		(0.400	) [1]	83.5		(0.300	) [1]
Total HpCDF	4.30		(0.400	) [1]	153		(0.600	) [1]	247		(0.300	) [1]	71.4		(0.200	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		ELEM ELEM-SO02 NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 08-MAR-98 0-3		ELEM ELEM-SO03 NA-ELEM-SO03-01 08-MAR-98 0-3		ELEM ELEM-SO03 NA-ELEM-SO03-02 08-MAR-98 3-12		ELEM ELEM-SO04 NA-ELEM-SO04-01 08-MAR-98 0-3	
SW8290 - Dioxins, cont. (ppt)									
Total HxCDD	1.80	(0.300	) [1]	40.5	(0.500) [1]	63.8	(0.300) [1]	48.8	(0.100) [1]
Total HxCDF	3.30	(0.300	) [1]	123	(0.500) [1]	73.0	(0.200) [1]	84.0	(0.100) [1]
Total PeCDD	0.780	(0.300	) [1]	9.90	(0.500) [1]	9.00	(0.200) [1]	17.2	(0.100) [1]
Total PeCDF	2.80	(0.300	) [1]	173	(0.400) [1]	18.4	(0.200) [1]	66.8	(0.100) [1]
Total TCDD	0.780	(0.300	) [1]	13.8	(0.400) [1]	9.90	(0.200) [1]	16.6	(0.100) [1]
Total TCDF	2.70	(0.200	) [1]	168	(0.300) [1]	17.1	(0.100) [1]	48.4	(0.0900) [1]
TOC (mg/kg)									
Total Organic Carbon	NA			NA		NA		11700	(637) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	ELEM ELEM-SO05 NA-ELEM-SO05-01 08-MAR-98 0-3			ELEM ELEM-SO05 NA-ELEM-SO05-02 08-MAR-98 3-12			ELEM ELEM-SO06 NA-ELEM-SO06-01 08-MAR-98 0-3			ELEM ELEM-SO07 NA-ELEM-SO07-01 08-MAR-98 0-3			
OLM03.2 - Pesticides and PCBs (ug/kg)													
4,4'-DDD	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
4,4'-DDE	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	23.0		(0.330	) [1]
4,4'-DDT	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	21.0	J	(0.330	) [1]
Aldrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1016	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1221	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1232	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1242	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1248	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1254	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Aroclor-1260	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Dieldrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endosulfan I	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endosulfan II	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endosulfan sulfate	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endrin	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endrin aldehyde	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Endrin ketone	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Heptachlor	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Heptachlor epoxide	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Methoxychlor	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
Toxaphene	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]
alpha-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND		(0.330	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	ELEM ELEM-SO05 NA-ELEM-SO05-01 08-MAR-98 0-3			ELEM ELEM-SO05 NA-ELEM-SO05-02 08-MAR-98 3-12			ELEM ELEM-SO06 NA-ELEM-SO06-01 08-MAR-98 0-3			ELEM ELEM-SO07 NA-ELEM-SO07-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	2.90	(0.330	) [1]
beta-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.330	) [1]
delta-BHC	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.330	) [1]
gamma-BHC(Lindane)	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.330	) [1]
gamma-Chlordane	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.180	) [1]	ND	(0.330	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
1,2-Dichlorobenzene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
1,3-Dichlorobenzene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
1,4-Dichlorobenzene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4,5-Trichlorophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4,6-Trichlorophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4-Dichlorophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4-Dimethylphenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4-Dinitrophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,4-Dinitrotoluene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2,6-Dinitrotoluene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2-Chloronaphthalene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2-Chlorophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2-Methylnaphthalene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
2-Nitroaniline	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	ELEM ELEM-SO05 NA-ELEM-SO05-01 08-MAR-98 0-3			ELEM ELEM-SO05 NA-ELEM-SO05-02 08-MAR-98 3-12			ELEM ELEM-SO06 NA-ELEM-SO06-01 08-MAR-98 0-3			ELEM ELEM-SO07 NA-ELEM-SO07-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
3,3'-Dichlorobenzidine	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
3-Nitroaniline	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Bromophenyl-phenylether	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Chloro-3-methylphenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Chloroaniline	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Chlorophenyl-phenylether	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Nitroanaline	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
4-Nitrophenol	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Acenaphthene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Acenaphthylene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Anthracene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Benzo(a)anthracene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Benzo(a)pyrene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Benzo(b)fluoranthene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Benzo(g,h,i)perylene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Benzo(k)fluoranthene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Butylbenzylphthalate	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	96.0	(67.0	) [1]
Carbazole	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Chrysene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	73.0	(67.0	) [1]
Dibenz(a,h)anthracene	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]
Dibenzofuran	ND	(35.0	) [1]	ND	(37.0	) [1]	ND	(37.0	) [1]	ND	(67.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

	Site Id	ELEM	ELEM	ELEM	ELEM
	Location Id	ELEM-SO05	ELEM-SO05	ELEM-SO06	ELEM-SO07
	Sample Id	NA-ELEM-SO05-01	NA-ELEM-SO05-02	NA-ELEM-SO06-01	NA-ELEM-SO07-01
	Log Date	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98
Parameter	Beg. Depth - End Depth (in.)	0-3	3-12	0-3	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
Diethylphthalate		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Dimethylphthalate		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Fluoranthene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Fluorene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Hexachloro-1,3-butadiene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Hexachlorobenzene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Hexachlorocyclopentadiene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Hexachloroethane		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Indeno(1,2,3-cd)pyrene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Isophorone		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
N-Nitroso-di-n-propylamine		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
N-Nitrosodiphenylamine		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Naphthalene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Nitrobenzene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Pentachlorophenol		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Phenanthrene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Phenol		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
Pyrene		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
bis(2-Chloroethoxy)methane		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
bis(2-Chloroethyl)ether		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]
bis(2-Ethylhexyl)phthalate		140 (35.0) [1]	ND (37.0) [1]	200 (37.0) [1]	980 (67.0) [1]
di-n-Butylphthalate		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	89.0 (67.0) [1]
di-n-Octylphthalate		ND (35.0) [1]	ND (37.0) [1]	ND (37.0) [1]	ND (67.0) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	ELEM				ELEM				ELEM				ELEM				ELEM			
	ELEM-SO05				ELEM-SO05				ELEM-SO06				ELEM-SO07							
	NA-ELEM-SO05-01				NA-ELEM-SO05-02				NA-ELEM-SO06-01				NA-ELEM-SO07-01							
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98							
	0-3				3-12				0-3				0-3							
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																				
o-Cresol	ND		(35.0	) [1]	ND		(37.0	) [1]	ND		(37.0	) [1]	ND		(67.0	) [1]				
p-Cresol	ND		(35.0	) [1]	ND		(37.0	) [1]	ND		(37.0	) [1]	ND		(67.0	) [1]				
SW8290 - Dioxins (ppt)																				
1,2,3,4,6,7,8,9-OCDD	27.3		(1.50	) [1]	12.1		(0.900	) [1]	19.4		(1.30	) [1]	2210		(0.800	) [1]				
1,2,3,4,6,7,8,9-OCDF	3.60	J	(1.30	) [1]	ND		(0.800	) [1]	3.50	J	(1.10	) [1]	339		(0.700	) [1]				
1,2,3,4,6,7,8-HpCDD	5.20		(1.40	) [1]	1.30	J	(0.900	) [1]	5.00		(1.40	) [1]	365		(0.800	) [1]				
1,2,3,4,6,7,8-HpCDF	7.20		(1.30	) [1]	1.20	J	(0.700	) [1]	4.80	J	(1.00	) [1]	344		(0.600	) [1]				
1,2,3,4,7,8,9-HpCDF	ND		(1.70	) [1]	ND		(0.900	) [1]	ND		(1.30	) [1]	68.1		(0.700	) [1]				
1,2,3,4,7,8-HxCDD	ND		(1.30	) [1]	ND		(1.00	) [1]	ND		(1.60	) [1]	20.2		(1.00	) [1]				
1,2,3,4,7,8-HxCDF	2.70	J	(0.700	) [1]	ND		(0.600	) [1]	2.50	J	(1.10	) [1]	134		(0.600	) [1]				
1,2,3,6,7,8-HxCDD	ND		(1.00	) [1]	ND		(0.800	) [1]	ND		(1.30	) [1]	32.0		(0.800	) [1]				
1,2,3,6,7,8-HxCDF	1.50	J	(0.600	) [1]	ND		(0.600	) [1]	1.00	J	(1.00	) [1]	56.3		(0.500	) [1]				
1,2,3,7,8,9-HxCDD	ND		(1.00	) [1]	ND		(0.800	) [1]	ND		(1.30	) [1]	51.1	J	(0.800	) [1]				
1,2,3,7,8,9-HxCDF	ND		(0.800	) [1]	ND		(0.700	) [1]	ND		(1.30	) [1]	7.10		(0.600	) [1]				
1,2,3,7,8-PeCDD	ND	UJ	(1.00	) [1]	ND		(0.600	) [1]	ND		(1.10	) [1]	12.9	J	(0.600	) [1]				
1,2,3,7,8-PeCDF	ND		(1.00	) [1]	ND		(0.600	) [1]	ND		(0.900	) [1]	21.3		(0.400	) [1]				
2,3,4,6,7,8-HxCDF	2.90	J	(0.800	) [1]	ND		(0.700	) [1]	2.20	J	(1.20	) [1]	158		(0.600	) [1]				
2,3,4,7,8-PeCDF	1.40	J	(0.900	) [1]	ND		(0.600	) [1]	1.30	J	(0.900	) [1]	46.8		(0.400	) [1]				
2,3,7,8-TCDD	ND		(0.600	) [1]	ND		(0.500	) [1]	ND		(0.800	) [1]	1.70		(0.400	) [1]				
2,3,7,8-TCDF	0.520	J	(0.200	) [1]	ND		(0.500	) [1]	ND		(0.800	) [1]	14.6		(0.700	) [1]				
Total HpCDD	5.70		(1.40	) [1]	1.50		(0.900	) [1]	9.20		(1.40	) [1]	709		(0.800	) [1]				
Total HpCDF	9.60		(1.50	) [1]	1.20		(0.800	) [1]	6.60		(1.20	) [1]	700		(0.600	) [1]				

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)									
		ELEM ELEM-SO05 NA-ELEM-SO05-01 08-MAR-98 0-3			ELEM ELEM-SO05 NA-ELEM-SO05-02 08-MAR-98 3-12			ELEM ELEM-SO06 NA-ELEM-SO06-01 08-MAR-98 0-3			ELEM ELEM-SO07 NA-ELEM-SO07-01 08-MAR-98 0-3	
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	4.60	(1.10	) [1]	ND	(0.800	) [1]	1.50	(1.40	) [1]	487	(0.800	) [1]
Total HxCDF	14.2	(0.700	) [1]	ND	(0.600	) [1]	5.40	(1.10	) [1]	767	(0.600	) [1]
Total PeCDD	2.80	(1.00	) [1]	ND	(0.600	) [1]	2.90	(1.10	) [1]	160	(0.600	) [1]
Total PeCDF	5.90	(1.00	) [1]	ND	(0.600	) [1]	5.20	(0.900	) [1]	614	(0.400	) [1]
Total TCDD	5.40	(0.600	) [1]	ND	(0.500	) [1]	1.80	(0.800	) [1]	163	(0.400	) [1]
Total TCDF	12.8	(0.600	) [1]	ND	(0.500	) [1]	2.00	(0.600	) [1]	468	(0.300	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: ELEM Location Id: ELEM-SO07 Sample Id: NA-ELEM-SO07-02 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: ELEM Location Id: ELEM-SO08 Sample Id: NA-ELEM-SO08-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: REF1 Location Id: REF1-SO01 Sample Id: NA-REF1-SO01-31 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: REF1 Location Id: REF1-SO02 Sample Id: NA-REF1-SO02-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)													
4,4'-DDD	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
4,4'-DDE	14.0	(0.340	) [1]	9.40		(0.260	) [1]	5.30		(0.260	) [1]	17.0		(0.240	) [1]
4,4'-DDT	23.0	(0.340	) [1]	7.80	J	(0.260	) [1]	7.50	J	(0.260	) [1]	11.0	J	(0.240	) [1]
Aldrin	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1016	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1221	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1232	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1242	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1248	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1254	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Aroclor-1260	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Dieldrin	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endosulfan I	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endosulfan II	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endosulfan sulfate	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endrin	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endrin aldehyde	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Endrin ketone	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Heptachlor	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Heptachlor epoxide	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Methoxychlor	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
Toxaphene	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]
alpha-BHC	ND	(0.340	) [1]	ND		(0.260	) [1]	ND		(0.260	) [1]	ND		(0.240	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12			ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3			REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3			REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.340	) [1]	ND	(0.260	) [1]	0.870	(0.260	) [1]	ND	(0.240	) [1]
beta-BHC	ND	(0.340	) [1]	ND	(0.260	) [1]	ND	(0.260	) [1]	ND	(0.240	) [1]
delta-BHC	ND	(0.340	) [1]	ND	(0.260	) [1]	ND	(0.260	) [1]	ND	(0.240	) [1]
gamma-BHC(Lindane)	ND	(0.340	) [1]	ND	(0.260	) [1]	ND	(0.260	) [1]	ND	(0.240	) [1]
gamma-Chlordane	ND	(0.340	) [1]	ND	(0.260	) [1]	ND	(0.260	) [1]	ND	(0.240	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
1,2-Dichlorobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
1,3-Dichlorobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
1,4-Dichlorobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4,5-Trichlorophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4,6-Trichlorophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4-Dichlorophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4-Dimethylphenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4-Dinitrophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,4-Dinitrotoluene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2,6-Dinitrotoluene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2-Chloronaphthalene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2-Chlorophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2-Methylnaphthalene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
2-Nitroaniline	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]

Compiled: 07/01[redacted]

0 = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12			ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3			REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3			REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
3,3'-Dichlorobenzidine	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
3-Nitroaniline	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Bromophenyl-phenylether	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Chloro-3-methylphenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Chloroaniline	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Chlorophenyl-phenylether	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Nitroanaline	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
4-Nitrophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Acenaphthene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Acenaphthylene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Anthracene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Benzo(a)anthracene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Benzo(a)pyrene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Benzo(b)fluoranthene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Benzo(g,h,i)perylene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Benzo(k)fluoranthene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Butylbenzylphthalate	ND	(67.0	) [1]	ND	(52.0	) [1]	76.0	(53.0	) [1]	ND	(48.0	) [1]
Carbazole	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Chrysene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Dibenz(a,h)anthracene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Dibenzofuran	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12			ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3			REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3			REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(67.0	) [1]	ND	(52.0	) [1]	73.0	(53.0	) [1]	130	(48.0	) [1]
Dimethylphthalate	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Fluoranthene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Fluorene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Hexachloro-1,3-butadiene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Hexachlorobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Hexachlorocyclopentadiene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Hexachloroethane	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Isophorone	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
N-Nitroso-di-n-propylamine	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
N-Nitrosodiphenylamine	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Naphthalene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Nitrobenzene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Pentachlorophenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Phenanthrene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Phenol	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
Pyrene	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
bis(2-Chloroethoxy)methane	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
bis(2-Chloroethyl)ether	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]
bis(2-Ethylhexyl)phthalate	95.0	(67.0	) [1]	230	(52.0	) [1]	500	(53.0	) [1]	130	(48.0	) [1]
di-n-Butylphthalate	ND	(67.0	) [1]	ND	(52.0	) [1]	280	(53.0	) [1]	99.0	(48.0	) [1]
di-n-Octylphthalate	ND	(67.0	) [1]	ND	(52.0	) [1]	ND	(53.0	) [1]	ND	(48.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12					ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3					REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3					REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
o-Cresol	ND		(67.0	) [1]		ND		(52.0	) [1]		ND		(53.0	) [1]		ND		(48.0	) [1]
p-Cresol	ND		(67.0	) [1]		ND		(52.0	) [1]		ND		(53.0	) [1]		ND		(48.0	) [1]
SW8290 - Dioxins (ppt)																	
1,2,3,4,6,7,8,9-OCDD	337		(0.900	) [1]		379		(0.500	) [1]		659	J	(0.400	) [1]		399		(1.00	) [1]
1,2,3,4,6,7,8,9-OCDF	28.2		(0.700	) [1]		36.5		(0.400	) [1]		136		(0.300	) [1]		39.8		(0.900	) [1]
1,2,3,4,6,7,8-HpCDD	45.6		(0.700	) [1]		49.8		(0.400	) [1]		156	J	(0.200	) [1]		56.7		(0.700	) [1]
1,2,3,4,6,7,8-HpCDF	33.4		(0.500	) [1]		26.6		(0.300	) [1]		172		(0.200	) [1]		42.2		(0.500	) [1]
1,2,3,4,7,8,9-HpCDF	3.60	J	(0.600	) [1]		2.80	J	(0.400	) [1]		27.5	J	(0.200	) [1]		5.00	J	(0.700	) [1]
1,2,3,4,7,8-HxCDD	1.30	J	(0.700	) [1]		1.10	J	(0.400	) [1]		9.00		(0.200	) [1]		2.50	J	(0.500	) [1]
1,2,3,4,7,8-HxCDF	8.40		(0.400	) [1]		7.50		(0.200	) [1]		97.8		(0.200	) [1]		18.7		(0.400	) [1]
1,2,3,6,7,8-HxCDD	3.30	J	(0.600	) [1]		3.50	J	(0.300	) [1]		19.7		(0.200	) [1]		5.60		(0.500	) [1]
1,2,3,6,7,8-HxCDF	3.70	J	(0.300	) [1]		3.40	J	(0.200	) [1]		41.2		(0.100	) [1]		8.00		(0.400	) [1]
1,2,3,7,8,9-HxCDD	6.80		(0.600	) [1]		9.50		(0.300	) [1]		23.3	J	(0.200	) [1]		8.20	J	(0.500	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.500	) [1]		0.540	J	(0.300	) [1]		3.80	J	(0.200	) [1]		0.970	J	(0.500	) [1]
1,2,3,7,8-PeCDD	2.20	J	(0.500	) [1]		2.60	J	(0.300	) [1]		9.80		(0.200	) [1]		3.20	J	(0.500	) [1]
1,2,3,7,8-PeCDF	2.40	J	(0.300	) [1]		1.90	J	(0.200	) [1]		20.0		(0.100	) [1]		5.70		(0.400	) [1]
2,3,4,6,7,8-HxCDF	7.20		(0.400	) [1]		8.00	J	(0.300	) [1]		101		(0.200	) [1]		14.8		(0.500	) [1]
2,3,4,7,8-PeCDF	3.80	J	(0.300	) [1]		3.00	J	(0.200	) [1]		37.4		(0.100	) [1]		7.90		(0.400	) [1]
2,3,7,8-TCDD	ND		(0.200	) [1]		0.250	J	(0.200	) [1]		1.50		(0.100	) [1]		0.470	J	(0.400	) [1]
2,3,7,8-TCDF	3.10		(0.200	) [1]		1.90		(0.200	) [1]		20.5		(0.700	) [1]		7.30		(0.300	) [1]
Total HpCDD	86.6		(0.700	) [1]		90.4		(0.400	) [1]		318		(0.200	) [1]		116		(0.700	) [1]
Total HpCDF	70.5		(0.500	) [1]		59.1		(0.400	) [1]		323		(0.200	) [1]		78.9		(0.600	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: ELEM Location Id: ELEM-SO07 Sample Id: NA-ELEM-SO07-02 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 3-12		Site Id: ELEM Location Id: ELEM-SO08 Sample Id: NA-ELEM-SO08-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3		Site Id: REF1 Location Id: REF1-SO01 Sample Id: NA-REF1-SO01-31 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3		Site Id: REF1 Location Id: REF1-SO02 Sample Id: NA-REF1-SO02-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3	
SW8290 - Dioxins, cont. (ppt)									
Total HxCDD	41.6	(0.600) [1]	42.7	(0.300) [1]	239	(0.200) [1]	68.6	(0.500) [1]	
Total HxCDF	44.7	(0.400) [1]	44.8	(0.200) [1]	535	(0.200) [1]	98.5	(0.500) [1]	
Total PeCDD	13.0	(0.500) [1]	17.4	(0.300) [1]	205	(0.200) [1]	24.5	(0.500) [1]	
Total PeCDF	48.2	(0.300) [1]	42.2	(0.200) [1]	608	(0.100) [1]	106	(0.400) [1]	
Total TCDD	14.7	(0.200) [1]	14.4	(0.200) [1]	152	(0.100) [1]	27.3	(0.400) [1]	
Total TCDF	40.7	(0.200) [1]	37.0	(0.100) [1]	522	(0.100) [1]	108	(0.300) [1]	
TOC (mg/kg)									
Total Organic Carbon	NA		NA		67600	(2540) [1]	58700	(1760) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted]Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)											
	REF1 / REF1-SO02 / NA-REF1-SO02-02 / 07-MAR-98 / 3-12			REF1 / REF1-SO02 / NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 / 07-MAR-98 / 3-12			REF1 / REF1-SO03 / NA-REF1-SO03-01 / 07-MAR-98 / 0-3			REF1 / REF1-SO04 / NA-REF1-SO04-01 / 07-MAR-98 / 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
4,4'-DDE	1.10	(0.260	) [1]	1.40	(0.250	) [1]	990	(5.60	) [20]	150	(0.540	) [2]
4,4'-DDT	0.800	(0.260	) [1]	0.970	(0.250	) [1]	200 J	(5.60	) [20]	43.0	(0.270	) [1]
Aldrin	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1016	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1221	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1232	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1242	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1248	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1254	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Aroclor-1260	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Dieldrin	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endosulfan I	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endosulfan II	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endosulfan sulfate	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endrin	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endrin aldehyde	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Endrin ketone	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Heptachlor	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Heptachlor epoxide	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Methoxychlor	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
Toxaphene	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]
alpha-BHC	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id			Location Id			Sample Id			Log Date			Beg. Depth - End Depth (in.)		
	REF1	REF1-SO02	NA-REF1-SO02-02	REF1	REF1-SO02	NA-REF1-SO02-12 Dup of NA-REF1-SO02-02	REF1	REF1-SO03	NA-REF1-SO03-01	REF1	REF1-SO04	NA-REF1-SO04-01			
	07-MAR-98	3-12		07-MAR-98	3-12		07-MAR-98	0-3		07-MAR-98	0-3				
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)															
alpha-Chlordane	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]			
beta-BHC	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]			
delta-BHC	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]			
gamma-BHC(Lindane)	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]			
gamma-Chlordane	ND	(0.260	) [1]	ND	(0.250	) [1]	ND	(0.560	) [2]	ND	(0.270	) [1]			
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)															
1,2,4-Trichlorobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
1,2-Dichlorobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
1,3-Dichlorobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
1,4-Dichlorobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,2'-oxybis(1-chloropropane)	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4,5-Trichlorophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4,6-Trichlorophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4-Dichlorophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4-Dimethylphenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4-Dinitrophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,4-Dinitrotoluene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2,6-Dinitrotoluene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2-Chloronaphthalene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2-Chlorophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2-Methylnaphthalene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			
2-Nitroaniline	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]			

Compiled: 07/0[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF1 REF1-SO02 NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO02 NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO03 NA-REF1-SO03-01 07-MAR-98 0-3			REF1 REF1-SO04 NA-REF1-SO04-01 07-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
3,3'-Dichlorobenzidine	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
3-Nitroaniline	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Bromophenyl-phenylether	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Chloro-3-methylphenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Chloroaniline	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Chlorophenyl-phenylether	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Nitroanaline	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
4-Nitrophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Acenaphthene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Acenaphthylene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Anthracene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Benzo(a)anthracene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Benzo(a)pyrene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Benzo(b)fluoranthene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Benzo(g,h,i)perylene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Benzo(k)fluoranthene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Butylbenzylphthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Carbazole	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Chrysene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Dibenz(a,h)anthracene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Dibenzofuran	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF1 REF1-SO02 NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO02 NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO03 NA-REF1-SO03-01 07-MAR-98 0-3			REF1 REF1-SO04 NA-REF1-SO04-01 07-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	58.0	(56.0	) [1]	ND	(54.0	) [1]
Dimethylphthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Fluoranthene	ND	(51.0	) [1]	ND	(51.0	) [1]	60.0	(56.0	) [1]	ND	(54.0	) [1]
Fluorene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Hexachloro-1,3-butadiene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Hexachlorobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Hexachlorocyclopentadiene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Hexachloroethane	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Isophorone	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
N-Nitroso-di-n-propylamine	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
N-Nitrosodiphenylamine	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Naphthalene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Nitrobenzene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Pentachlorophenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Phenanthrene	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Phenol	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
Pyrene	ND	(51.0	) [1]	ND	(51.0	) [1]	70.0	(56.0	) [1]	ND	(54.0	) [1]
bis(2-Chloroethoxy)methane	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
bis(2-Chloroethyl)ether	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]
bis(2-Ethylhexyl)phthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	270	(56.0	) [1]	220	(54.0	) [1]
di-n-Butylphthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	150	(56.0	) [1]	100	(54.0	) [1]
di-n-Octylphthalate	ND	(51.0	) [1]	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(54.0	) [1]

Compiled: 07/01[redacted]

( ) = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF1 REF1-SO02 NA-REF1-SO02-02 07-MAR-98 3-12				REF1 REF1-SO02 NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 07-MAR-98 3-12				REF1 REF1-SO03 NA-REF1-SO03-01 07-MAR-98 0-3				REF1 REF1-SO04 NA-REF1-SO04-01 07-MAR-98 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(51.0	) [1]	ND		(51.0	) [1]	ND		(56.0	) [1]	ND		(54.0	) [1]
p-Cresol	ND		(51.0	) [1]	ND		(51.0	) [1]	ND		(56.0	) [1]	ND		(54.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	39.0		(0.800	) [1]	58.1		(0.500	) [1]	757		(0.900	) [1]	504		(0.800	) [1]
1,2,3,4,6,7,8,9-OCDF	3.90	J	(0.600	) [1]	7.50	J	(0.400	) [1]	82.0		(0.700	) [1]	91.5	J	(0.700	) [1]
1,2,3,4,6,7,8-HpCDD	5.90	J	(0.500	) [1]	6.70		(0.400	) [1]	112		(0.600	) [1]	91.8	J	(0.500	) [1]
1,2,3,4,6,7,8-HpCDF	4.70	J	(0.300	) [1]	5.40		(0.300	) [1]	86.1		(0.400	) [1]	79.9		(0.400	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(0.500	) [1]	0.710	J	(0.400	) [1]	11.5		(0.600	) [1]	12.1		(0.600	) [1]
1,2,3,4,7,8-HxCDD	ND		(0.400	) [1]	ND		(0.300	) [1]	4.80	J	(0.500	) [1]	3.60	J	(0.400	) [1]
1,2,3,4,7,8-HxCDF	2.10	J	(0.300	) [1]	2.20	J	(0.300	) [1]	41.2		(0.400	) [1]	34.4		(0.400	) [1]
1,2,3,6,7,8-HxCDD	1.40	J	(0.300	) [1]	1.60	J	(0.200	) [1]	11.3	J	(0.400	) [1]	9.80	J	(0.300	) [1]
1,2,3,6,7,8-HxCDF	0.960	BJ	(0.300	) [1]	1.10	BJ	(0.300	) [1]	17.9		(0.300	) [1]	15.2		(0.300	) [1]
1,2,3,7,8,9-HxCDD	5.30	J	(0.300	) [1]	4.90	J	(0.200	) [1]	14.2	J	(0.400	) [1]	10.7	J	(0.300	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.400	) [1]	ND		(0.300	) [1]	1.10	J	(0.500	) [1]	0.990	J	(0.500	) [1]
1,2,3,7,8-PeCDD	1.50	J	(0.400	) [1]	2.00	J	(0.300	) [1]	5.10		(0.500	) [1]	4.60	J	(0.400	) [1]
1,2,3,7,8-PeCDF	0.800	J	(0.300	) [1]	0.610	J	(0.300	) [1]	10.8		(0.400	) [1]	7.70		(0.400	) [1]
2,3,4,6,7,8-HxCDF	1.80	BJ	(0.300	) [1]	2.00	BJ	(0.300	) [1]	39.7		(0.400	) [1]	33.6		(0.400	) [1]
2,3,4,7,8-PeCDF	1.10	J	(0.300	) [1]	1.10	J	(0.300	) [1]	16.6		(0.400	) [1]	13.2		(0.400	) [1]
2,3,7,8-TCDD	ND		(0.300	) [1]	ND		(0.300	) [1]	0.860	J	(0.300	) [1]	0.730	J	(0.300	) [1]
2,3,7,8-TCDF	0.990	J	(0.200	) [1]	1.00		(0.200	) [1]	14.5		(0.300	) [1]	9.90		(0.300	) [1]
Total HpCDD	13.1		(0.500	) [1]	13.7		(0.400	) [1]	234		(0.600	) [1]	181		(0.500	) [1]
Total HpCDF	5.60		(0.400	) [1]	11.0		(0.300	) [1]	160		(0.500	) [1]	155		(0.500	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	REF1 REF1-SO02 NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO02 NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 07-MAR-98 3-12			REF1 REF1-SO03 NA-REF1-SO03-01 07-MAR-98 0-3			REF1 REF1-SO04 NA-REF1-SO04-01 07-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	19.1	(0.300	) [1]	17.1	(0.200	) [1]	130	(0.400	) [1]	92.6	(0.300	) [1]
Total HxCDF	11.0	(0.300	) [1]	11.9	(0.300	) [1]	216	(0.400	) [1]	186	(0.400	) [1]
Total PeCDD	4.90	(0.400	) [1]	3.70	(0.300	) [1]	49.0	(0.500	) [1]	29.8	(0.400	) [1]
Total PeCDF	12.1	(0.300	) [1]	11.3	(0.300	) [1]	221	(0.400	) [1]	173	(0.400	) [1]
Total TCDD	2.30	(0.300	) [1]	3.30	(0.300	) [1]	53.5	(0.300	) [1]	43.4	(0.300	) [1]
Total TCDF	13.3	(0.200	) [1]	14.1	(0.200	) [1]	206	(0.300	) [1]	148	(0.300	) [1]
TOC (mg/kg)												
Total Organic Carbon	39500	(1420	) [1]	50200	(2020	) [1]	38100	(3510	) [1]	113000	(4640	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)											
	REF1 / REF1-SO04 / NA-REF1-SO04-02 / 07-MAR-98 / 3-12			REF1 / REF1-SO05 / NA-REF1-SO05-01 / 07-MAR-98 / 0-3			REF1 / REF1-SO06 / NA-REF1-SO06-01 / 07-MAR-98 / 0-3			REF1 / REF1-SO06 / NA-REF1-SO06-02 / 07-MAR-98 / 3-12		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
4,4'-DDE	5.80	(0.250	) [1]	0.860	(0.270	) [1]	10.0	(0.260	) [1]	0.990	(0.250	) [1]
4,4'-DDT	1.70	(0.250	) [1]	ND	(0.270	) [1]	6.90 J	(0.260	) [1]	ND	(0.250	) [1]
Aldrin	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1016	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1221	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1232	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1242	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1248	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1254	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Aroclor-1260	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Dieldrin	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endosulfan I	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endosulfan II	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endosulfan sulfate	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endrin	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endrin aldehyde	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Endrin ketone	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Heptachlor	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Heptachlor epoxide	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Methoxychlor	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
Toxaphene	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
alpha-BHC	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF1 REF1-SO04 NA-REF1-SO04-02 07-MAR-98 3-12			REF1 REF1-SO05 NA-REF1-SO05-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-02 07-MAR-98 3-12		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
beta-BHC	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
delta-BHC	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
gamma-BHC(Lindane)	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
gamma-Chlordane	ND	(0.250	) [1]	ND	(0.270	) [1]	ND	(0.260	) [1]	ND	(0.250	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
1,2-Dichlorobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
1,3-Dichlorobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
1,4-Dichlorobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4,5-Trichlorophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4,6-Trichlorophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4-Dichlorophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4-Dimethylphenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4-Dinitrophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,4-Dinitrotoluene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2,6-Dinitrotoluene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2-Chloronaphthalene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2-Chlorophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2-Methylnaphthalene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
2-Nitroaniline	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]

Compiled: 07/0[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF1 REF1-SO04 NA-REF1-SO04-02 07-MAR-98 3-12			REF1 REF1-SO05 NA-REF1-SO05-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-02 07-MAR-98 3-12		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
3,3'-Dichlorobenzidine	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
3-Nitroaniline	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Bromophenyl-phenylether	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Chloro-3-methylphenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Chloroaniline	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Chlorophenyl-phenylether	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Nitroanaline	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
4-Nitrophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Acenaphthene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Acenaphthylene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Anthracene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Benzo(a)anthracene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Benzo(a)pyrene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Benzo(b)fluoranthene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Benzo(g,h,i)perylene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Benzo(k)fluoranthene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Butylbenzylphthalate	ND	(51.0	) [1]	ND	(54.0	) [1]	83.0	(52.0	) [1]	ND	(51.0	) [1]
Carbazole	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Chrysene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Dibenz(a,h)anthracene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Dibenzofuran	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	REF1 REF1-SO04 NA-REF1-SO04-02 07-MAR-98 3-12			REF1 REF1-SO05 NA-REF1-SO05-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-01 07-MAR-98 0-3			REF1 REF1-SO06 NA-REF1-SO06-02 07-MAR-98 3-12		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(51.0	) [1]	61.0	(54.0	) [1]	66.0	(52.0	) [1]	58.0	(51.0	) [1]
Dimethylphthalate	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Fluoranthene	ND	(51.0	) [1]	ND	(54.0	) [1]	55.0	(52.0	) [1]	ND	(51.0	) [1]
Fluorene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Hexachloro-1,3-butadiene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Hexachlorobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Hexachlorocyclopentadiene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Hexachloroethane	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Isophorone	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
N-Nitroso-di-n-propylamine	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
N-Nitrosodiphenylamine	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Naphthalene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Nitrobenzene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Pentachlorophenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Phenanthrene	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Phenol	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
Pyrene	ND	(51.0	) [1]	ND	(54.0	) [1]	53.0	(52.0	) [1]	ND	(51.0	) [1]
bis(2-Chloroethoxy)methane	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
bis(2-Chloroethyl)ether	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]
bis(2-Ethylhexyl)phthalate	ND	(51.0	) [1]	160	(54.0	) [1]	360	(52.0	) [1]	ND	(51.0	) [1]
di-n-Butylphthalate	77.0	(51.0	) [1]	110	(54.0	) [1]	140	(52.0	) [1]	ND	(51.0	) [1]
di-n-Octylphthalate	ND	(51.0	) [1]	ND	(54.0	) [1]	ND	(52.0	) [1]	ND	(51.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	REF1				REF1				REF1				REF1	
	REF1-SO04				REF1-SO05				REF1-SO06				REF1-SO06	
	NA-REF1-SO04-02				NA-REF1-SO05-01				NA-REF1-SO06-01				NA-REF1-SO06-02	
	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98	
	3-12				0-3				0-3				3-12	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
o-Cresol	ND		(51.0	) [1]	ND		(54.0	) [1]	ND		(52.0	) [1]	ND	(51.0) [1]
p-Cresol	ND		(51.0	) [1]	ND		(54.0	) [1]	ND		(52.0	) [1]	ND	(51.0) [1]
SW8290 - Dioxins (ppt)														
1,2,3,4,6,7,8,9-OCDD	35.3	J	(0.400	) [1]	257	J	(0.400	) [1]	385	J	(0.400	) [1]	39.6	J (0.300) [1]
1,2,3,4,6,7,8,9-OCDF	4.60	J	(0.300	) [1]	38.2	J	(0.300	) [1]	61.6	J	(0.300	) [1]	4.50	J (0.200) [1]
1,2,3,4,6,7,8-HpCDD	5.70	J	(0.400	) [1]	53.9	J	(0.400	) [1]	71.3	J	(0.300	) [1]	6.00	J (0.200) [1]
1,2,3,4,6,7,8-HpCDF	5.10		(0.300	) [1]	46.4		(0.300	) [1]	61.3		(0.300	) [1]	4.80	J (0.200) [1]
1,2,3,4,7,8,9-HpCDF	1.00	J	(0.500	) [1]	8.40	J	(0.400	) [1]	7.10		(0.500	) [1]	ND	(0.300) [1]
1,2,3,4,7,8-HxCDD	ND		(0.300	) [1]	2.50	J	(0.400	) [1]	5.40	J	(0.400	) [1]	ND	(0.200) [1]
1,2,3,4,7,8-HxCDF	1.90	J	(0.300	) [1]	18.9		(0.300	) [1]	28.3		(0.200	) [1]	2.10	J (0.200) [1]
1,2,3,6,7,8-HxCDD	1.20	J	(0.300	) [1]	6.40		(0.300	) [1]	9.30	J	(0.400	) [1]	1.50	J (0.200) [1]
1,2,3,6,7,8-HxCDF	0.850	J	(0.300	) [1]	8.70		(0.300	) [1]	12.6		(0.200	) [1]	1.10	BJ (0.200) [1]
1,2,3,7,8,9-HxCDD	4.00	J	(0.300	) [1]	11.7	J	(0.300	) [1]	19.5	J	(0.400	) [1]	5.30	J (0.200) [1]
1,2,3,7,8,9-HxCDF	ND		(0.400	) [1]	1.00	J	(0.400	) [1]	0.880	J	(0.300	) [1]	ND	(0.300) [1]
1,2,3,7,8-PeCDD	1.30	J	(0.400	) [1]	3.30	J	(0.400	) [1]	4.10	J	(0.300	) [1]	1.60	J (0.200) [1]
1,2,3,7,8-PeCDF	0.540	J	(0.400	) [1]	3.80	J	(0.300	) [1]	7.20		(0.300	) [1]	0.660	J (0.300) [1]
2,3,4,6,7,8-HxCDF	2.00	BJ	(0.400	) [1]	19.8		(0.300	) [1]	26.0		(0.300	) [1]	2.20	BJ (0.200) [1]
2,3,4,7,8-PeCDF	0.880	J	(0.400	) [1]	6.30		(0.300	) [1]	12.7		(0.300	) [1]	1.20	J (0.300) [1]
2,3,7,8-TCDD	ND		(0.300	) [1]	ND		(0.300	) [1]	0.680	J	(0.400	) [1]	ND	(0.300) [1]
2,3,7,8-TCDF	0.790	J	(0.400	) [1]	3.60		(0.200	) [1]	10.2		(0.300	) [1]	0.940	J (0.100) [1]
Total HpCDD	11.0		(0.400	) [1]	107		(0.400	) [1]	123		(0.300	) [1]	10.4	(0.200) [1]
Total HpCDF	10.0		(0.400	) [1]	87.6		(0.300	) [1]	105		(0.400	) [1]	8.20	(0.300) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: REF1 Location Id: REF1-SO04 Sample Id: NA-REF1-SO04-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12		Site Id: REF1 Location Id: REF1-SO05 Sample Id: NA-REF1-SO05-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3		Site Id: REF1 Location Id: REF1-SO06 Sample Id: NA-REF1-SO06-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3		Site Id: REF1 Location Id: REF1-SO06 Sample Id: NA-REF1-SO06-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12	
SW8290 - Dioxins, cont. (ppt)									
Total HxCDD	13.8	(0.300) [1]	72.0	(0.300) [1]	145	(0.400) [1]	17.4	(0.200) [1]
Total HxCDF	8.70	(0.300) [1]	95.6	(0.300) [1]	149	(0.200) [1]	11.5	(0.200) [1]
Total PeCDD	3.40	(0.400) [1]	35.1	(0.400) [1]	27.9	(0.300) [1]	1.60	(0.200) [1]
Total PeCDF	7.40	(0.400) [1]	75.9	(0.300) [1]	147	(0.300) [1]	9.70	(0.300) [1]
Total TCDD	1.70	(0.300) [1]	21.3	(0.300) [1]	34.8	(0.400) [1]	1.70	(0.300) [1]
Total TCDF	8.70	(0.300) [1]	60.4	(0.300) [1]	138	(0.300) [1]	4.90	(0.300) [1]
TOC (mg/kg)								
Total Organic Carbon	29100	(1130) [1]	60400	(2820) [1]	41300	(1790) [1]	52600	(1740) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	REF2				REF2				REF2				REF2			
Location Id	REF2-SO01				REF2-SO01				REF2-SO02				REF2-SO03			
Sample Id	NA-REF2-SO01-01				NA-REF2-SO01-02				NA-REF2-SO02-01				NA-REF2-SO03-01			
Log Date	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
OLM03.2 - Pesticides and PCBs (ug/kg)																
4,4'-DDD	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
4,4'-DDE	28.0		(0.370	) [1]	10.0		(0.340	) [1]	71.0		(0.340	) [1]	3.30		(0.370	) [1]
4,4'-DDT	14.0	J	(0.370	) [1]	7.30	J	(0.340	) [1]	24.0	J	(0.340	) [1]	2.50		(0.370	) [1]
Aldrin	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1016	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1221	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1232	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1242	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1248	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1254	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Aroclor-1260	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Dieldrin	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endosulfan I	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endosulfan II	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endosulfan sulfate	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endrin	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endrin aldehyde	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Endrin ketone	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Heptachlor	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Heptachlor epoxide	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Methoxychlor	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
Toxaphene	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]
alpha-BHC	ND		(0.370	) [1]	ND		(0.340	) [1]	ND		(0.340	) [1]	ND		(0.370	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF2 REF2-SO01 NA-REF2-SO01-01 07-MAR-98 0-3			REF2 REF2-SO01 NA-REF2-SO01-02 07-MAR-98 3-12			REF2 REF2-SO02 NA-REF2-SO02-01 07-MAR-98 0-3			REF2 REF2-SO03 NA-REF2-SO03-01 07-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.370	) [1]	ND	(0.340	) [1]	ND	(0.340	) [1]	ND	(0.370	) [1]
beta-BHC	ND	(0.370	) [1]	ND	(0.340	) [1]	ND	(0.340	) [1]	ND	(0.370	) [1]
delta-BHC	ND	(0.370	) [1]	ND	(0.340	) [1]	ND	(0.340	) [1]	ND	(0.370	) [1]
gamma-BHC(Lindane)	ND	(0.370	) [1]	ND	(0.340	) [1]	ND	(0.340	) [1]	ND	(0.370	) [1]
gamma-Chlordane	ND	(0.370	) [1]	ND	(0.340	) [1]	ND	(0.340	) [1]	ND	(0.370	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
1,2-Dichlorobenzene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
1,3-Dichlorobenzene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
1,4-Dichlorobenzene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4,5-Trichlorophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4,6-Trichlorophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4-Dichlorophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4-Dimethylphenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4-Dinitrophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,4-Dinitrotoluene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2,6-Dinitrotoluene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2-Chloronaphthalene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2-Chlorophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2-Methylnaphthalene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
2-Nitroaniline	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted]Not Detected NA = Not Applicable

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Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF2 REF2-SO01 NA-REF2-SO01-01 07-MAR-98 0-3			REF2 REF2-SO01 NA-REF2-SO01-02 07-MAR-98 3-12			REF2 REF2-SO02 NA-REF2-SO02-01 07-MAR-98 0-3			REF2 REF2-SO03 NA-REF2-SO03-01 07-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
3,3'-Dichlorobenzidine	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
3-Nitroaniline	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Bromophenyl-phenylether	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Chloro-3-methylphenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Chloroaniline	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Chlorophenyl-phenylether	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Nitroanaline	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
4-Nitrophenol	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Acenaphthene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Acenaphthylene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Anthracene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Benzo(a)anthracene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Benzo(a)pyrene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Benzo(b)fluoranthene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Benzo(g,h,i)perylene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Benzo(k)fluoranthene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Butylbenzylphthalate	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Carbazole	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Chrysene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Dibenz(a,h)anthracene	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]
Dibenzofuran	ND	(76.0	) [1]	ND	(68.0	) [1]	ND	(68.0	) [1]	ND	(72.0	) [1]

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Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF2 REF2-SO01 NA-REF2-SO01-01 07-MAR-98 0-3				REF2 REF2-SO01 NA-REF2-SO01-02 07-MAR-98 3-12				REF2 REF2-SO02 NA-REF2-SO02-01 07-MAR-98 0-3				REF2 REF2-SO03 NA-REF2-SO03-01 07-MAR-98 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Dimethylphthalate	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Fluoranthene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Fluorene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Hexachloro-1,3-butadiene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Hexachlorobenzene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Hexachlorocyclopentadiene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND	UJ	(68.0	) [1]	ND	UJ	(72.0	) [1]
Hexachloroethane	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Indeno(1,2,3-cd)pyrene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Isophorone	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
N-Nitroso-di-n-propylamine	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
N-Nitrosodiphenylamine	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Naphthalene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Nitrobenzene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Pentachlorophenol	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Phenanthrene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Phenol	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
Pyrene	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
bis(2-Chloroethoxy)methane	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
bis(2-Chloroethyl)ether	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
bis(2-Ethylhexyl)phthalate	230	J	(76.0	) [1]	ND		(68.0	) [1]	200	J	(68.0	) [1]	260	J	(72.0	) [1]
di-n-Butylphthalate	120		(76.0	) [1]	ND		(68.0	) [1]	140		(68.0	) [1]	110		(72.0	) [1]
di-n-Octylphthalate	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	REF2				REF2				REF2				REF2			
Location Id	REF2-SO01				REF2-SO01				REF2-SO02				REF2-SO03			
Sample Id	NA-REF2-SO01-01				NA-REF2-SO01-02				NA-REF2-SO02-01				NA-REF2-SO03-01			
Log Date	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
p-Cresol	ND		(76.0	) [1]	ND		(68.0	) [1]	ND		(68.0	) [1]	ND		(72.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	1230	J	(0.500	) [1]	755		(0.800	) [1]	987		(1.00	) [1]	779		(2.00	) [1]
1,2,3,4,6,7,8,9-OCDF	130	J	(0.400	) [1]	62.4		(0.700	) [1]	110		(0.800	) [1]	100		(1.70	) [1]
1,2,3,4,6,7,8-HpCDD	187	J	(0.300	) [1]	104	J	(0.500	) [1]	157	J	(0.800	) [1]	129	J	(1.30	) [1]
1,2,3,4,6,7,8-HpCDF	96.4		(0.300	) [1]	43.0		(0.400	) [1]	86.7		(0.400	) [1]	89.1		(0.800	) [1]
1,2,3,4,7,8,9-HpCDF	18.5	J	(0.400	) [1]	7.70	J	(0.500	) [1]	18.2		(0.600	) [1]	20.3		(1.20	) [1]
1,2,3,4,7,8-HxCDD	8.00	J	(0.300	) [1]	2.50	J	(0.500	) [1]	9.00	J	(0.600	) [1]	6.80	J	(1.00	) [1]
1,2,3,4,7,8-HxCDF	42.5	J	(0.300	) [1]	13.7	J	(0.400	) [1]	38.3	J	(0.300	) [1]	39.8	J	(0.600	) [1]
1,2,3,6,7,8-HxCDD	15.0	J	(0.300	) [1]	7.90	J	(0.400	) [1]	13.4	J	(0.600	) [1]	12.5	J	(0.900	) [1]
1,2,3,6,7,8-HxCDF	17.3		(0.300	) [1]	6.00		(0.400	) [1]	15.7		(0.300	) [1]	16.4		(0.600	) [1]
1,2,3,7,8,9-HxCDD	24.0	J	(0.300	) [1]	11.8	J	(0.400	) [1]	29.5	J	(0.600	) [1]	22.9	J	(0.900	) [1]
1,2,3,7,8,9-HxCDF	1.50	J	(0.300	) [1]	0.550	J	(0.500	) [1]	1.40	J	(0.400	) [1]	2.20	J	(0.800	) [1]
1,2,3,7,8-PeCDD	6.20	J	(0.300	) [1]	3.10	J	(0.500	) [1]	5.20		(0.400	) [1]	5.40		(0.700	) [1]
1,2,3,7,8-PeCDF	9.90		(0.300	) [1]	3.40	J	(0.400	) [1]	9.90		(0.300	) [1]	9.00		(0.500	) [1]
2,3,4,6,7,8-HxCDF	37.2	J	(0.300	) [1]	13.5	J	(0.500	) [1]	32.5	J	(0.400	) [1]	34.2	J	(0.700	) [1]
2,3,4,7,8-PeCDF	12.7		(0.300	) [1]	4.40	J	(0.400	) [1]	12.5		(0.300	) [1]	11.2		(0.500	) [1]
2,3,7,8-TCDD	0.690	J	(0.300	) [1]	ND		(0.600	) [1]	0.770	J	(0.300	) [1]	0.960	J	(0.600	) [1]
2,3,7,8-TCDF	9.10		(0.200	) [1]	4.00		(0.500	) [1]	9.00		(0.300	) [1]	8.10		(0.600	) [1]
Total HpCDD	322		(0.300	) [1]	178		(0.500	) [1]	329		(0.800	) [1]	262		(1.30	) [1]
Total HpCDF	179		(0.300	) [1]	88.7		(0.500	) [1]	171		(0.500	) [1]	170		(1.00	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) REF2 REF2-SO01 NA-REF2-SO01-01 07-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) REF2 REF2-SO01 NA-REF2-SO01-02 07-MAR-98 3-12			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) REF2 REF2-SO02 NA-REF2-SO02-01 07-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) REF2 REF2-SO03 NA-REF2-SO03-01 07-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	171	(0.300	) [1]	70.4	(0.400	) [1]	211	(0.600	) [1]	167	(1.00	) [1]
Total HxCDF	203	(0.300	) [1]	74.5	(0.400	) [1]	186	(0.300	) [1]	189	(0.700	) [1]
Total PeCDD	38.9	(0.300	) [1]	19.1	(0.500	) [1]	46.2	(0.400	) [1]	38.3	(0.700	) [1]
Total PeCDF	162	(0.300	) [1]	40.7	(0.400	) [1]	151	(0.300	) [1]	127	(0.500	) [1]
Total TCDD	44.5	(0.300	) [1]	10.6	(0.600	) [1]	54.2	(0.300	) [1]	37.3	(0.600	) [1]
Total TCDF	114	(0.200	) [1]	39.6	(0.500	) [1]	118	(0.200	) [1]	91.9	(0.500	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	REF2 REF2-SO03 NA-REF2-SO03-02 07-MAR-98 3-12			REF2 REF2-SO04 NA-REF2-SO04-01 07-MAR-98 0-3			REF2 REF2-SO05 NA-REF2-SO05-01 07-MAR-98 0-3			REF2 REF2-SO05 NA-REF2-SO05-02 07-MAR-98 3-12		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
4,4'-DDE	1.40	(0.330	) [1]	4.20	(0.290	) [1]	14.0	(0.330	) [1]	6.50	(0.280	) [1]
4,4'-DDT	2.30	(0.330	) [1]	4.00	(0.290	) [1]	8.30 J	(0.330	) [1]	6.40 J	(0.280	) [1]
Aldrin	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1016	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1221	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1232	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1242	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1248	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1254	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Aroclor-1260	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Dieldrin	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endosulfan I	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endosulfan II	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endosulfan sulfate	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endrin	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endrin aldehyde	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Endrin ketone	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Heptachlor	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Heptachlor epoxide	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Methoxychlor	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
Toxaphene	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
alpha-BHC	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF2 REF2-SO03 NA-REF2-SO03-02 07-MAR-98 3-12			REF2 REF2-SO04 NA-REF2-SO04-01 07-MAR-98 0-3			REF2 REF2-SO05 NA-REF2-SO05-01 07-MAR-98 0-3			REF2 REF2-SO05 NA-REF2-SO05-02 07-MAR-98 3-12		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
beta-BHC	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
delta-BHC	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
gamma-BHC(Lindane)	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
gamma-Chlordane	ND	(0.330	) [1]	ND	(0.290	) [1]	ND	(0.330	) [1]	ND	(0.280	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
1,2-Dichlorobenzene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
1,3-Dichlorobenzene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
1,4-Dichlorobenzene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4,5-Trichlorophenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4,6-Trichlorophenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4-Dichlorophenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4-Dimethylphenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4-Dinitrophenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,4-Dinitrotoluene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2,6-Dinitrotoluene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2-Chloronaphthalene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2-Chlorophenol	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2-Methylnaphthalene	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]
2-Nitroaniline	ND	(65.0	) [1]	ND	(58.0	) [1]	ND	(67.0	) [1]	ND	(56.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	REF2				REF2				REF2				REF2				REF2			
	REF2-SO03				REF2-SO04				REF2-SO05				REF2-SO05							
	NA-REF2-SO03-02				NA-REF2-SO04-01				NA-REF2-SO05-01				NA-REF2-SO05-02							
	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98							
	3-12				0-3				0-3				3-12							
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																				
2-Nitrophenol	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
3,3'-Dichlorobenzidine	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
3-Nitroaniline	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4,6-Dinitro-2-methylphenol	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Bromophenyl-phenylether	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Chloro-3-methylphenol	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Chloroaniline	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Chlorophenyl-phenylether	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Nitroanaline	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
4-Nitrophenol	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Acenaphthene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Acenaphthylene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Anthracene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Benzo(a)anthracene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Benzo(a)pyrene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Benzo(b)fluoranthene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Benzo(g,h,i)perylene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Benzo(k)fluoranthene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Butylbenzylphthalate	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Carbazole	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Chrysene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Dibenz(a,h)anthracene	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					
Dibenzofuran	ND	(65.0	) [1]		ND	(58.0	) [1]		ND	(67.0	) [1]		ND	(56.0	) [1]					

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF2 REF2-SO03 NA-REF2-SO03-02 07-MAR-98 3-12					REF2 REF2-SO04 NA-REF2-SO04-01 07-MAR-98 0-3					REF2 REF2-SO05 NA-REF2-SO05-01 07-MAR-98 0-3					REF2 REF2-SO05 NA-REF2-SO05-02 07-MAR-98 3-12				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Dimethylphthalate	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Fluoranthene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Fluorene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Hexachloro-1,3-butadiene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Hexachlorobenzene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Hexachlorocyclopentadiene	ND	UJ	(65.0	) [1]		ND	UJ	(58.0	) [1]		ND	UJ	(67.0	) [1]		ND	UJ	(56.0	) [1]	
Hexachloroethane	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Indeno(1,2,3-cd)pyrene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Isophorone	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
N-Nitroso-di-n-propylamine	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
N-Nitrosodiphenylamine	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Naphthalene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Nitrobenzene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Pentachlorophenol	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Phenanthrene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Phenol	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
Pyrene	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
bis(2-Chloroethoxy)methane	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
bis(2-Chloroethyl)ether	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	
bis(2-Ethylhexyl)phthalate	ND		(65.0	) [1]		570		(58.0	) [1]		200		(67.0	) [1]		ND		(56.0	) [1]	
di-n-Butylphthalate	ND		(65.0	) [1]		75.0		(58.0	) [1]		510		(67.0	) [1]		320		(56.0	) [1]	
di-n-Octylphthalate	ND		(65.0	) [1]		ND		(58.0	) [1]		ND		(67.0	) [1]		ND		(56.0	) [1]	

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result		Qual	( ) [ ]
	REF2	REF2-SO03	NA-REF2-SO03-02	07-MAR-98	3-12				
	REF2	REF2-SO04	NA-REF2-SO04-01	07-MAR-98	0-3				
	REF2	REF2-SO05	NA-REF2-SO05-01	07-MAR-98	0-3				
	REF2	REF2-SO05	NA-REF2-SO05-02	07-MAR-98	3-12				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)									
o-Cresol						ND		(65.0	) [1]
						ND		(58.0	) [1]
						ND		(67.0	) [1]
						ND		(56.0	) [1]
p-Cresol						ND		(65.0	) [1]
						ND		(58.0	) [1]
						ND		(67.0	) [1]
						ND		(56.0	) [1]
SW8290 - Dioxins (ppt)									
1,2,3,4,6,7,8,9-OCDD						123		(1.10	) [1]
						307		(0.600	) [1]
						801		(0.900	) [1]
						209		(1.20	) [1]
1,2,3,4,6,7,8,9-OCDF						17.8		(0.900	) [1]
						36.3		(0.500	) [1]
						116		(0.800	) [1]
						29.0		(1.00	) [1]
1,2,3,4,6,7,8-HpCDD						22.7	J	(0.800	) [1]
						50.4	J	(0.600	) [1]
						136		(0.500	) [1]
						33.5		(0.800	) [1]
1,2,3,4,6,7,8-HpCDF						10.9		(0.500	) [1]
						34.5		(0.400	) [1]
						98.1		(0.400	) [1]
						21.9		(0.600	) [1]
1,2,3,4,7,8,9-HpCDF						ND		(0.600	) [1]
						8.40		(0.500	) [1]
						24.1	J	(0.600	) [1]
						4.60	J	(0.900	) [1]
1,2,3,4,7,8-HxCDD						ND	UJ	(0.600	) [1]
						3.70	J	(0.500	) [1]
						5.70		(0.400	) [1]
						1.20	J	(0.600	) [1]
1,2,3,4,7,8-HxCDF						2.90	J	(0.300	) [1]
						15.1	J	(0.300	) [1]
						39.8	J	(0.300	) [1]
						8.10	J	(0.500	) [1]
1,2,3,6,7,8-HxCDD						ND	UJ	(1.90	) [1]
						6.60	J	(0.500	) [1]
						14.3		(0.400	) [1]
						4.50	J	(0.600	) [1]
1,2,3,6,7,8-HxCDF						1.10	J	(0.300	) [1]
						7.20		(0.200	) [1]
						17.7		(0.300	) [1]
						3.70	J	(0.500	) [1]
1,2,3,7,8,9-HxCDD						6.30	J	(0.600	) [1]
						20.2	J	(0.500	) [1]
						21.4	J	(0.400	) [1]
						11.1	J	(0.600	) [1]
1,2,3,7,8,9-HxCDF						ND		(0.400	) [1]
						0.680	J	(0.300	) [1]
						1.50	J	(0.400	) [1]
						ND		(0.600	) [1]
1,2,3,7,8-PeCDD						0.890	J	(0.400	) [1]
						3.70	J	(0.300	) [1]
						5.90		(0.500	) [1]
						2.80	J	(0.700	) [1]
1,2,3,7,8-PeCDF						0.950	J	(0.300	) [1]
						3.70	J	(0.300	) [1]
						8.20		(0.300	) [1]
						2.00	J	(0.500	) [1]
2,3,4,6,7,8-HxCDF						2.50	J	(0.400	) [1]
						15.3	J	(0.300	) [1]
						42.1	J	(0.400	) [1]
						8.20	J	(0.600	) [1]
2,3,4,7,8-PeCDF						1.10	J	(0.300	) [1]
						5.60		(0.300	) [1]
						12.1		(0.300	) [1]
						3.10	J	(0.500	) [1]
2,3,7,8-TCDD						ND		(0.300	) [1]
						0.390	J	(0.300	) [1]
						0.920	J	(0.300	) [1]
						ND		(0.600	) [1]
2,3,7,8-TCDF						0.850	J	(0.400	) [1]
						2.20		(1.70	) [1]
						7.80		(0.600	) [1]
						1.80		(0.700	) [1]
Total HpCDD						43.3		(0.800	) [1]
						101		(0.600	) [1]
						251		(0.500	) [1]
						59.8		(0.800	) [1]
Total HpCDF						21.0		(0.500	) [1]
						65.6		(0.400	) [1]
						198		(0.500	) [1]
						43.8		(0.700	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: REF2 Location Id: REF2-SO03 Sample Id: NA-REF2-SO03-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: REF2 Location Id: REF2-SO04 Sample Id: NA-REF2-SO04-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: REF2 Location Id: REF2-SO05 Sample Id: NA-REF2-SO05-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: REF2 Location Id: REF2-SO05 Sample Id: NA-REF2-SO05-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	25.8	(0.600	) [1]	106	(0.500	) [1]	159	(0.400	) [1]	48.2	(0.600	) [1]
Total HxCDF	14.2	(0.400	) [1]	79.3	(0.300	) [1]	201	(0.400	) [1]	38.6	(0.500	) [1]
Total PeCDD	2.30	(0.400	) [1]	19.5	(0.300	) [1]	45.6	(0.500	) [1]	10.6	(0.700	) [1]
Total PeCDF	8.40	(0.300	) [1]	66.7	(0.300	) [1]	127	(0.300	) [1]	25.5	(0.500	) [1]
Total TCDD	2.00	(0.300	) [1]	14.3	(0.300	) [1]	31.2	(0.300	) [1]	2.70	(0.600	) [1]
Total TCDF	8.60	(0.200	) [1]	56.0	(0.200	) [1]	93.3	(0.300	) [1]	26.4	(0.400	) [1]
TOC (mg/kg)													
Total Organic Carbon	NA			NA			NA			86600	(3320	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	REF2			REF2			TOWR			TOWR		
Location Id	REF2-SO06			REF2-SO06			TOWR-SO01			TOWR-SO02		
Sample Id	NA-REF2-SO06-01			NA-REF2-SO06-11 Dup of NA-REF2-SO06-01			NA-TOWR-SO01-01			NA-TOWR-SO02-01		
Log Date	07-MAR-98			07-MAR-98			08-MAR-98			08-MAR-98		
Beg. Depth - End Depth (in.)	0-3			0-3			0-3			0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
4,4'-DDE	12.0		(0.380) [1]	8.60		(0.380) [1]	6.60		(0.280) [1]	44.0		(0.250) [1]
4,4'-DDT	7.60	J	(0.380) [1]	5.10		(0.380) [1]	3.60		(0.280) [1]	25.0	J	(0.250) [1]
Aldrin	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1016	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1221	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1232	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1242	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1248	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1254	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Aroclor-1260	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Dieldrin	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endosulfan I	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endosulfan II	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endosulfan sulfate	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endrin	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endrin aldehyde	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Endrin ketone	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Heptachlor	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Heptachlor epoxide	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Methoxychlor	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
Toxaphene	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]
alpha-BHC	ND		(0.380) [1]	ND		(0.380) [1]	ND		(0.280) [1]	ND		(0.250) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF2 REF2-SO06 NA-REF2-SO06-01 07-MAR-98 0-3			REF2 REF2-SO06 NA-REF2-SO06-11 Dup of NA-REF2-SO06-01 07-MAR-98 0-3			TOWR TOWR-SO01 NA-TOWR-SO01-01 08-MAR-98 0-3			TOWR TOWR-SO02 NA-TOWR-SO02-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.380	) [1]	ND	(0.380	) [1]	ND	(0.280	) [1]	ND	(0.250	) [1]
beta-BHC	ND	(0.380	) [1]	ND	(0.380	) [1]	ND	(0.280	) [1]	ND	(0.250	) [1]
delta-BHC	ND	(0.380	) [1]	ND	(0.380	) [1]	ND	(0.280	) [1]	ND	(0.250	) [1]
gamma-BHC(Lindane)	ND	(0.380	) [1]	ND	(0.380	) [1]	ND	(0.280	) [1]	ND	(0.250	) [1]
gamma-Chlordane	ND	(0.380	) [1]	ND	(0.380	) [1]	ND	(0.280	) [1]	ND	(0.250	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
1,2-Dichlorobenzene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
1,3-Dichlorobenzene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
1,4-Dichlorobenzene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4,5-Trichlorophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4,6-Trichlorophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4-Dichlorophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4-Dimethylphenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4-Dinitrophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,4-Dinitrotoluene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2,6-Dinitrotoluene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2-Chloronaphthalene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2-Chlorophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2-Methylnaphthalene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
2-Nitroaniline	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	REF2 REF2-SO06 NA-REF2-SO06-01 07-MAR-98 0-3			REF2 REF2-SO06 NA-REF2-SO06-11 Dup of NA-REF2-SO06-01 07-MAR-98 0-3			TOWR TOWR-SO01 NA-TOWR-SO01-01 08-MAR-98 0-3			TOWR TOWR-SO02 NA-TOWR-SO02-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
3,3'-Dichlorobenzidine	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
3-Nitroaniline	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Bromophenyl-phenylether	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Chloro-3-methylphenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Chloroaniline	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Chlorophenyl-phenylether	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Nitroanaline	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
4-Nitrophenol	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Acenaphthene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Acenaphthylene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Anthracene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Benzo(a)anthracene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Benzo(a)pyrene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Benzo(b)fluoranthene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Benzo(g,h,i)perylene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Benzo(k)fluoranthene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Butylbenzylphthalate	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Carbazole	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Chrysene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	51.0	(51.0	) [1]
Dibenz(a,h)anthracene	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]
Dibenzofuran	ND	(76.0	) [1]	ND	(76.0	) [1]	ND	(56.0	) [1]	ND	(51.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF2 REF2-SO06 NA-REF2-SO06-01 07-MAR-98 0-3					REF2 REF2-SO06 NA-REF2-SO06-11 Dup of NA-REF2-SO06-01 07-MAR-98 0-3					TOWR TOWR-SO01 NA-TOWR-SO01-01 08-MAR-98 0-3					TOWR TOWR-SO02 NA-TOWR-SO02-01 08-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Dimethylphthalate	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Fluoranthene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		56.0	(51.0	) [1]	
Fluorene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Hexachloro-1,3-butadiene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Hexachlorobenzene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Hexachlorocyclopentadiene	ND	UJ	(76.0	) [1]		ND	UJ	(76.0	) [1]		ND	UJ	(56.0	) [1]		ND	(51.0	) [1]	
Hexachloroethane	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Indeno(1,2,3-cd)pyrene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Isophorone	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
N-Nitroso-di-n-propylamine	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
N-Nitrosodiphenylamine	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Naphthalene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Nitrobenzene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Pentachlorophenol	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Phenanthrene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Phenol	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
Pyrene	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		57.0	(51.0	) [1]	
bis(2-Chloroethoxy)methane	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
bis(2-Chloroethyl)ether	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	
bis(2-Ethylhexyl)phthalate	230		(76.0	) [1]		220		(76.0	) [1]		130		(56.0	) [1]		200	(51.0	) [1]	
di-n-Butylphthalate	380		(76.0	) [1]		350		(76.0	) [1]		ND		(56.0	) [1]		83.0	(51.0	) [1]	
di-n-Octylphthalate	ND		(76.0	) [1]		ND		(76.0	) [1]		ND		(56.0	) [1]		ND	(51.0	) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	REF2	REF2	TOWR	TOWR	
	REF2-SO06	REF2-SO06	TOWR-SO01	TOWR-SO02	
	NA-REF2-SO06-01	NA-REF2-SO06-11 Dup of NA-REF2-SO06-01	NA-TOWR-SO01-01	NA-TOWR-SO02-01	
	07-MAR-98	07-MAR-98	08-MAR-98	08-MAR-98	
	0-3	0-3	0-3	0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
o-Cresol	ND (76.0) [1]	ND (76.0) [1]	ND (56.0) [1]	ND (51.0) [1]	
p-Cresol	ND (76.0) [1]	ND (76.0) [1]	ND (56.0) [1]	ND (51.0) [1]	
SW8290 - Dioxins (ppt)					
1,2,3,4,6,7,8,9-OCDD	1610 (0.700) [1]	1670 (1.50) [1]	99.8 (0.700) [1]	865 (0.900) [1]	
1,2,3,4,6,7,8,9-OCDF	181 (0.600) [1]	189 (1.30) [1]	19.9 (0.500) [1]	119 (0.600) [1]	
1,2,3,4,6,7,8-HpCDD	211 (0.400) [1]	229 (0.900) [1]	22.6 (0.400) [1]	144 (0.600) [1]	
1,2,3,4,6,7,8-HpCDF	133 (0.300) [1]	144 (0.700) [1]	21.3 (0.300) [1]	134 (0.400) [1]	
1,2,3,4,7,8,9-HpCDF	32.3 (0.500) [1]	36.9 (1.00) [1]	5.10 (0.500) [1]	22.5 (0.600) [1]	
1,2,3,4,7,8-HxCDD	7.20 (0.300) [1]	8.30 (0.700) [1]	1.00 J (0.400) [1]	5.70 J (0.500) [1]	
1,2,3,4,7,8-HxCDF	58.2 J (0.300) [1]	59.9 J (0.500) [1]	9.80 J (0.300) [1]	63.4 J (0.500) [1]	
1,2,3,6,7,8-HxCDD	18.9 (0.300) [1]	19.9 (0.600) [1]	3.70 J (0.300) [1]	14.0 J (0.400) [1]	
1,2,3,6,7,8-HxCDF	23.6 (0.200) [1]	25.6 (0.500) [1]	3.80 J (0.300) [1]	26.3 (0.400) [1]	
1,2,3,7,8,9-HxCDD	25.5 J (0.300) [1]	27.1 J (0.700) [1]	11.1 J (0.300) [1]	14.4 J (0.500) [1]	
1,2,3,7,8,9-HxCDF	3.60 J (0.300) [1]	3.50 J (0.700) [1]	ND (0.400) [1]	2.10 J (0.500) [1]	
1,2,3,7,8-PeCDD	7.30 (0.300) [1]	8.20 (0.700) [1]	2.80 J (0.400) [1]	5.40 (0.600) [1]	
1,2,3,7,8-PeCDF	13.0 (0.300) [1]	14.1 (0.500) [1]	2.00 J (0.200) [1]	12.7 (0.400) [1]	
2,3,4,6,7,8-HxCDF	54.6 J (0.300) [1]	58.9 J (0.600) [1]	10.7 (0.400) [1]	60.0 (0.500) [1]	
2,3,4,7,8-PeCDF	17.9 (0.300) [1]	18.0 (0.500) [1]	2.80 J (0.200) [1]	21.7 (0.400) [1]	
2,3,7,8-TCDD	1.10 (0.300) [1]	0.850 J (0.500) [1]	0.400 J (0.400) [1]	1.20 (0.500) [1]	
2,3,7,8-TCDF	10.9 (0.700) [1]	11.0 (0.700) [1]	ND (0.800) [1]	10.5 (0.500) [1]	
Total HpCDD	395 (0.400) [1]	416 (0.900) [1]	39.1 (0.400) [1]	261 (0.600) [1]	
Total HpCDF	263 (0.400) [1]	285 (0.800) [1]	41.6 (0.400) [1]	254 (0.500) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)								
	REF2	REF2-SO06	NA-REF2-SO06-01	07-MAR-98	0-3								
	REF2	REF2-SO06	NA-REF2-SO06-11 Dup of NA-REF2-SO06-01	07-MAR-98	0-3								
	TOWR	TOWR-SO01	NA-TOWR-SO01-01	08-MAR-98	0-3								
	TOWR	TOWR-SO02	NA-TOWR-SO02-01	08-MAR-98	0-3								
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	195	(0.300	) [1]	209	(0.700	) [1]	46.2	(0.300	) [1]	141	(0.500	) [1]
Total HxCDF	277	(0.300	) [1]	296	(0.600	) [1]	45.7	(0.300	) [1]	317	(0.500	) [1]
Total PeCDD	57.4	(0.300	) [1]	66.7	(0.700	) [1]	26.2	(0.400	) [1]	115	(0.600	) [1]
Total PeCDF	197	(0.300	) [1]	212	(0.500	) [1]	33.3	(0.200	) [1]	317	(0.400	) [1]
Total TCDD	60.9	(0.300	) [1]	63.1	(0.500	) [1]	10.9	(0.400	) [1]	80.3	(0.500	) [1]
Total TCDF	136	(0.200	) [1]	147	(0.400	) [1]	36.3	(0.300	) [1]	261	(0.400	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Value	Qualifier	Dilution
OLM03.2 - Pesticides and PCBs (ug/kg)								
4,4'-DDD	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
4,4'-DDD	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
4,4'-DDD	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
4,4'-DDD	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
4,4'-DDE	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	7.90	(0.240)	[1]
4,4'-DDE	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	12.0	(0.290)	[1]
4,4'-DDE	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	11.0	(0.310)	[1]
4,4'-DDE	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	140	(0.970)	[4]
4,4'-DDT	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	7.50	(0.240)	[1]
4,4'-DDT	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	38.0	(0.290)	[1]
4,4'-DDT	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	36.0	(0.310)	[1]
4,4'-DDT	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	60.0	(0.240)	[1]
Aldrin	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aldrin	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aldrin	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aldrin	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1016	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1016	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1016	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1016	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1221	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1221	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1221	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1221	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1232	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1232	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1232	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1232	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1242	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1242	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1242	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1242	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1248	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1248	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1248	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1248	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1254	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1254	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1254	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1254	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Aroclor-1260	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Aroclor-1260	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Aroclor-1260	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Aroclor-1260	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Dieldrin	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Dieldrin	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Dieldrin	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Dieldrin	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endosulfan I	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endosulfan I	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endosulfan I	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endosulfan I	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endosulfan II	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endosulfan II	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endosulfan II	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endosulfan II	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endosulfan sulfate	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endosulfan sulfate	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endosulfan sulfate	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endosulfan sulfate	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endrin	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endrin	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endrin	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endrin	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endrin aldehyde	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endrin aldehyde	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endrin aldehyde	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endrin aldehyde	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Endrin ketone	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Endrin ketone	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Endrin ketone	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Endrin ketone	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Heptachlor	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Heptachlor	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Heptachlor	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Heptachlor	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Heptachlor epoxide	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Heptachlor epoxide	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	1.40	(0.290)	[1]
Heptachlor epoxide	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	1.50	(0.310)	[1]
Heptachlor epoxide	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Methoxychlor	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Methoxychlor	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Methoxychlor	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Methoxychlor	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
Toxaphene	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
Toxaphene	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
Toxaphene	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
Toxaphene	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]
alpha-BHC	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12	ND	(0.240)	[1]
alpha-BHC	TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.290)	[1]
alpha-BHC	TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3	ND	(0.310)	[1]
alpha-BHC	TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3	ND	(0.240)	[1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TOWR TOWR-SO02 NA-TOWR-SO02-32 08-MAR-98 3-12			TOWR TOWR-SO03 NA-TOWR-SO03-01 08-MAR-98 0-3			TOWR TOWR-SO03 NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01 08-MAR-98 0-3				TOWR TOWR-SO04 NA-TOWR-SO04-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)													
alpha-Chlordane	ND	(0.240	) [1]	3.80	J	(0.290	) [1]	3.40	J	(0.310	) [1]	ND	(0.240	) [1]
beta-BHC	ND	(0.240	) [1]	ND		(0.290	) [1]	ND		(0.310	) [1]	ND	(0.240	) [1]
delta-BHC	ND	(0.240	) [1]	ND		(0.290	) [1]	ND		(0.310	) [1]	ND	(0.240	) [1]
gamma-BHC(Lindane)	ND	(0.240	) [1]	ND		(0.290	) [1]	ND		(0.310	) [1]	ND	(0.240	) [1]
gamma-Chlordane	ND	(0.240	) [1]	2.90		(0.290	) [1]	2.80		(0.310	) [1]	ND	(0.240	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)													
1,2,4-Trichlorobenzene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
1,2-Dichlorobenzene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
1,3-Dichlorobenzene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
1,4-Dichlorobenzene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4,5-Trichlorophenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4,6-Trichlorophenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4-Dichlorophenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4-Dimethylphenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4-Dinitrophenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,4-Dinitrotoluene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2,6-Dinitrotoluene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2-Chloronaphthalene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2-Chlorophenol	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2-Methylnaphthalene	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]
2-Nitroaniline	ND	(48.0	) [1]	ND		(58.0	) [1]	ND		(62.0	) [1]	ND	(48.0	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TOWR TOWR-SO02 NA-TOWR-SO02-32 08-MAR-98 3-12			TOWR TOWR-SO03 NA-TOWR-SO03-01 08-MAR-98 0-3			TOWR TOWR-SO03 NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01 08-MAR-98 0-3			TOWR TOWR-SO04 NA-TOWR-SO04-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
3,3'-Dichlorobenzidine	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
3-Nitroaniline	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Bromophenyl-phenylether	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Chloro-3-methylphenol	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Chloroaniline	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Chlorophenyl-phenylether	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Nitroanaline	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
4-Nitrophenol	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Acenaphthene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Acenaphthylene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Anthracene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Benzo(a)anthracene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	140	(48.0	) [1]
Benzo(a)pyrene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	230	(48.0	) [1]
Benzo(b)fluoranthene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	180	(48.0	) [1]
Benzo(g,h,i)perylene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	170	(48.0	) [1]
Benzo(k)fluoranthene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	200	(48.0	) [1]
Butylbenzylphthalate	ND	(48.0	) [1]	90.0	(58.0	) [1]	97.0	(62.0	) [1]	ND	(48.0	) [1]
Carbazole	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Chrysene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	170	(48.0	) [1]
Dibenz(a,h)anthracene	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]
Dibenzofuran	ND	(48.0	) [1]	ND	(58.0	) [1]	ND	(62.0	) [1]	ND	(48.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)											
	TOWR	TOWR-SO02	NA-TOWR-SO02-32	08-MAR-98	3-12			TOWR	TOWR-SO03	NA-TOWR-SO03-01	08-MAR-98	0-3			TOWR	TOWR-SO03	NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01	08-MAR-98	0-3			TOWR	TOWR-SO04	NA-TOWR-SO04-01	08-MAR-98	0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																											
Diethylphthalate	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Dimethylphthalate	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Fluoranthene	ND	(48.0	) [1]				72.0		(58.0	) [1]				ND		(62.0	) [1]			110		(48.0	) [1]		
Fluorene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Hexachloro-1,3-butadiene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Hexachlorobenzene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Hexachlorocyclopentadiene	ND	(48.0	) [1]				ND	UJ	(58.0	) [1]				ND	UJ	(62.0	) [1]			ND	UJ	(48.0	) [1]		
Hexachloroethane	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Indeno(1,2,3-cd)pyrene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Isophorone	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
N-Nitroso-di-n-propylamine	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
N-Nitrosodiphenylamine	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Naphthalene	ND	(48.0	) [1]				ND		(58.0	) [1]				NA						ND		(48.0	) [1]		
Nitrobenzene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Pentachlorophenol	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Phenanthrene	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Phenol	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
Pyrene	ND	(48.0	) [1]				64.0		(58.0	) [1]				ND		(62.0	) [1]			160		(48.0	) [1]		
bis(2-Chloroethoxy)methane	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
bis(2-Chloroethyl)ether	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		
bis(2-Ethylhexyl)phthalate	ND	(48.0	) [1]				490		(58.0	) [1]				480		(62.0	) [1]			760		(48.0	) [1]		
di-n-Butylphthalate	ND	(48.0	) [1]				200		(58.0	) [1]				180		(62.0	) [1]			ND		(48.0	) [1]		
di-n-Octylphthalate	ND	(48.0	) [1]				ND		(58.0	) [1]				ND		(62.0	) [1]			ND		(48.0	) [1]		

Compiled: 07/01[redacted]

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TOWR TOWR-SO02 NA-TOWR-SO02-32 08-MAR-98 3-12					TOWR TOWR-SO03 NA-TOWR-SO03-01 08-MAR-98 0-3					TOWR TOWR-SO03 NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01 08-MAR-98 0-3					TOWR TOWR-SO04 NA-TOWR-SO04-01 08-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
o-Cresol	ND		(48.0	) [1]		ND		(58.0	) [1]		ND		(62.0	) [1]		ND		(48.0	) [1]
p-Cresol	ND		(48.0	) [1]		ND		(58.0	) [1]		ND		(62.0	) [1]		ND		(48.0	) [1]
SW8290 - Dioxins (ppt)																	
1,2,3,4,6,7,8,9-OCDD	196		(1.70	) [1]		2410		(2.70	) [1]		2000		(2.30	) [1]		264		(1.80	) [1]
1,2,3,4,6,7,8,9-OCDF	33.6		(1.20	) [1]		555		(2.00	) [1]		239		(1.60	) [1]		39.8		(1.30	) [1]
1,2,3,4,6,7,8-HpCDD	33.4		(0.900	) [1]		423		(1.20	) [1]		350		(0.900	) [1]		31.1		(0.900	) [1]
1,2,3,4,6,7,8-HpCDF	29.5		(0.800	) [1]		330		(0.900	) [1]		275		(0.600	) [1]		21.2		(0.700	) [1]
1,2,3,4,7,8,9-HpCDF	4.10	J	(1.20	) [1]		65.9		(1.30	) [1]		37.4		(0.800	) [1]		2.20	J	(1.00	) [1]
1,2,3,4,7,8-HxCDD	0.960	J	(0.800	) [1]		17.6	J	(1.00	) [1]		16.2		(0.600	) [1]		1.00	J	(0.500	) [1]
1,2,3,4,7,8-HxCDF	10.7	J	(0.700	) [1]		140	J	(0.800	) [1]		116	J	(0.400	) [1]		7.30	J	(0.400	) [1]
1,2,3,6,7,8-HxCDD	3.60	J	(0.600	) [1]		39.9	J	(0.900	) [1]		31.1		(0.500	) [1]		2.60	J	(0.400	) [1]
1,2,3,6,7,8-HxCDF	4.50	J	(0.600	) [1]		60.6		(0.700	) [1]		47.4		(0.400	) [1]		3.00	J	(0.400	) [1]
1,2,3,7,8,9-HxCDD	4.00	J	(0.700	) [1]		46.2	J	(0.900	) [1]		42.6		(0.600	) [1]		2.80	J	(0.500	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.700	) [1]		6.40	J	(0.900	) [1]		5.20	J	(0.500	) [1]		0.900	J	(0.500	) [1]
1,2,3,7,8-PeCDD	1.50	J	(0.900	) [1]		13.6		(1.00	) [1]		10.8		(0.500	) [1]		1.10	J	(0.600	) [1]
1,2,3,7,8-PeCDF	2.70	J	(0.800	) [1]		25.4		(0.800	) [1]		18.5		(0.400	) [1]		1.80	J	(0.600	) [1]
2,3,4,6,7,8-HxCDF	8.20		(0.700	) [1]		114		(0.900	) [1]		102		(0.500	) [1]		5.70		(0.500	) [1]
2,3,4,7,8-PeCDF	3.90	J	(0.800	) [1]		43.2		(0.800	) [1]		34.5		(0.400	) [1]		2.70	J	(0.600	) [1]
2,3,7,8-TCDD	ND		(0.800	) [1]		2.10		(0.800	) [1]		1.70		(0.400	) [1]		ND		(0.600	) [1]
2,3,7,8-TCDF	2.80		(0.300	) [1]		15.9		(0.600	) [1]		14.1		(0.700	) [1]		2.10		(0.200	) [1]
Total HpCDD	56.2		(0.900	) [1]		805		(1.20	) [1]		741		(0.900	) [1]		54.1		(0.900	) [1]
Total HpCDF	53.5		(1.00	) [1]		659		(1.10	) [1]		523		(0.600	) [1]		47.7		(0.800	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

	Site Id		TOWR			TOWR			TOWR			TOWR
	Location Id		TOWR-SO02			TOWR-SO03			TOWR-SO03			TOWR-SO04
	Sample Id		NA-TOWR-SO02-32			NA-TOWR-SO03-01			NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01			NA-TOWR-SO04-01
	Log Date		08-MAR-98			08-MAR-98			08-MAR-98			08-MAR-98
Parameter	Beg. Depth - End Depth (in.)		3-12			0-3			0-3			0-3
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	34.4	(0.700	) [1]	403	(0.900	) [1]	377	(0.600	) [1]	24.0	(0.500	) [1]
Total HxCDF	56.9	(0.700	) [1]	738	(0.800	) [1]	633	(0.400	) [1]	38.9	(0.400	) [1]
Total PeCDD	11.7	(0.900	) [1]	138	(1.00	) [1]	118	(0.500	) [1]	3.10	(0.600	) [1]
Total PeCDF	48.8	(0.800	) [1]	592	(0.800	) [1]	474	(0.400	) [1]	33.1	(0.600	) [1]
Total TCDD	8.90	(0.800	) [1]	145	(0.800	) [1]	113	(0.400	) [1]	3.50	(0.600	) [1]
Total TCDF	46.1	(0.700	) [1]	413	(0.600	) [1]	338	(0.300	) [1]	33.1	(0.500	) [1]
TOC (mg/kg)												
Total Organic Carbon	NA			124000	(4700	) [1]	114000	(3680	) [1]	NA		

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TOWR	TOWR	TOWR	TOWR	TOWR
	TOWR-SO04	TOWR-SO04	TOWR-SO05	TOWR-SO06	
	NA-TOWR-SO04-02	NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02	NA-TOWR-SO05-01	NA-TOWR-SO06-01	
	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98	
	3-12	3-12	0-3	0-3	
OLM03.2 - Pesticides and PCBs (ug/kg)					
4,4'-DDD	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	4.40 (0.350) [1]	
4,4'-DDE	1.10 (0.280) [1]	1.60 (0.280) [1]	1.60 (0.180) [1]	65.0 (0.350) [1]	
4,4'-DDT	0.980 (0.280) [1]	0.710 (0.280) [1]	1.50 (0.180) [1]	42.0 (0.350) [1]	
Aldrin	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1016	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1221	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1232	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1242	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1248	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1254	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Aroclor-1260	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Dieldrin	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endosulfan I	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endosulfan II	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endosulfan sulfate	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endrin	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endrin aldehyde	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Endrin ketone	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Heptachlor	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Heptachlor epoxide	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Methoxychlor	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
Toxaphene	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	
alpha-BHC	ND (0.280) [1]	ND (0.280) [1]	ND (0.180) [1]	ND (0.350) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TOWR TOWR-SO04 NA-TOWR-SO04-02 08-MAR-98 3-12			TOWR TOWR-SO04 NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02 08-MAR-98 3-12			TOWR TOWR-SO05 NA-TOWR-SO05-01 08-MAR-98 0-3			TOWR TOWR-SO06 NA-TOWR-SO06-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.280	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.350	) [1]
beta-BHC	ND	(0.280	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.350	) [1]
delta-BHC	ND	(0.280	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.350	) [1]
gamma-BHC(Lindane)	ND	(0.280	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.350	) [1]
gamma-Chlordane	ND	(0.280	) [1]	ND	(0.280	) [1]	ND	(0.180	) [1]	ND	(0.350	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
1,2-Dichlorobenzene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
1,3-Dichlorobenzene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
1,4-Dichlorobenzene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4,5-Trichlorophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4,6-Trichlorophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4-Dichlorophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4-Dimethylphenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4-Dinitrophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,4-Dinitrotoluene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2,6-Dinitrotoluene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2-Chloronaphthalene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2-Chlorophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2-Methylnaphthalene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
2-Nitroaniline	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TOWR TOWR-SO04 NA-TOWR-SO04-02 08-MAR-98 3-12			TOWR TOWR-SO04 NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02 08-MAR-98 3-12			TOWR TOWR-SO05 NA-TOWR-SO05-01 08-MAR-98 0-3			TOWR TOWR-SO06 NA-TOWR-SO06-01 08-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
3,3'-Dichlorobenzidine	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
3-Nitroaniline	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Bromophenyl-phenylether	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Chloro-3-methylphenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Chloroaniline	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Chlorophenyl-phenylether	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Nitroanaline	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
4-Nitrophenol	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Acenaphthene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Acenaphthylene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Anthracene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Benzo(a)anthracene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Benzo(a)pyrene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Benzo(b)fluoranthene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Benzo(g,h,i)perylene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Benzo(k)fluoranthene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Butylbenzylphthalate	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Carbazole	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Chrysene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Dibenz(a,h)anthracene	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Dibenzofuran	ND	(56.0	) [1]	ND	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

	Site Id	TOWR	TOWR	TOWR	TOWR
	Location Id	TOWR-SO04	TOWR-SO04	TOWR-SO05	TOWR-SO06
	Sample Id	NA-TOWR-SO04-02	NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02	NA-TOWR-SO05-01	NA-TOWR-SO06-01
	Log Date	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98
Parameter	Beg. Depth - End Depth (in.)	3-12	3-12	0-3	0-3

OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)													
Diethylphthalate	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	77.0	(69.0	) [1]
Dimethylphthalate	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Fluoranthene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Fluorene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Hexachloro-1,3-butadiene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Hexachlorobenzene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Hexachlorocyclopentadiene	ND	(56.0	) [1]	ND	UJ	(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Hexachloroethane	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Isophorone	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
N-Nitroso-di-n-propylamine	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
N-Nitrosodiphenylamine	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Naphthalene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Nitrobenzene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Pentachlorophenol	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Phenanthrene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Phenol	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
Pyrene	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	83.0	(69.0	) [1]
bis(2-Chloroethoxy)methane	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
bis(2-Chloroethyl)ether	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]
bis(2-Ethylhexyl)phthalate	ND	(56.0	) [1]	ND		(56.0	) [1]	330	(37.0	) [1]	120	(69.0	) [1]
di-n-Butylphthalate	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	190	(69.0	) [1]
di-n-Octylphthalate	ND	(56.0	) [1]	ND		(56.0	) [1]	ND	(37.0	) [1]	ND	(69.0	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TOWR				TOWR				TOWR				TOWR			
Location Id	TOWR-SO04				TOWR-SO04				TOWR-SO05				TOWR-SO06			
Sample Id	NA-TOWR-SO04-02				NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02				NA-TOWR-SO05-01				NA-TOWR-SO06-01			
Log Date	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98			
Beg. Depth - End Depth (in.)	3-12				3-12				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(56.0	) [1]	ND		(56.0	) [1]	ND		(37.0	) [1]	ND		(69.0	) [1]
p-Cresol	ND		(56.0	) [1]	ND		(56.0	) [1]	ND		(37.0	) [1]	ND		(69.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	14.7		(1.70	) [1]	16.8		(0.100	) [1]	74.2		(0.200	) [1]	3180		(0.0900	) [1]
1,2,3,4,6,7,8,9-OCDF	ND		(1.30	) [1]	0.750	J	(0.100	) [1]	16.3		(0.100	) [1]	215		(0.0700	) [1]
1,2,3,4,6,7,8-HpCDD	ND		(0.800	) [1]	1.60	J	(0.100	) [1]	22.4	J	(0.100	) [1]	126		(0.0600	) [1]
1,2,3,4,6,7,8-HpCDF	ND		(0.700	) [1]	0.710	J	(0.0800	) [1]	25.6		(0.0900	) [1]	85.8		(0.0400	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(1.00	) [1]	ND		(0.100	) [1]	3.70	J	(0.100	) [1]	20.7		(0.0600	) [1]
1,2,3,4,7,8-HxCDD	ND	UJ	(0.400	) [1]	ND		(0.100	) [1]	1.30	J	(0.200	) [1]	2.00	J	(0.0600	) [1]
1,2,3,4,7,8-HxCDF	ND		(0.400	) [1]	0.350	BJ	(0.0700	) [1]	12.0		(0.100	) [1]	18.4		(0.0300	) [1]
1,2,3,6,7,8-HxCDD	0.990	J	(0.400	) [1]	1.20	J	(0.100	) [1]	3.00	J	(0.200	) [1]	6.40		(0.0600	) [1]
1,2,3,6,7,8-HxCDF	ND		(0.400	) [1]	0.240	J	(0.0700	) [1]	5.50		(0.100	) [1]	5.80		(0.0300	) [1]
1,2,3,7,8,9-HxCDD	2.90	J	(0.400	) [1]	6.80		(0.100	) [1]	4.70	J	(0.100	) [1]	9.10	J	(0.0500	) [1]
1,2,3,7,8,9-HxCDF	ND		(0.500	) [1]	0.160	J	(0.0800	) [1]	0.560	J	(0.100	) [1]	0.810	J	(0.0400	) [1]
1,2,3,7,8-PeCDD	1.30	J	(0.500	) [1]	1.50	J	(0.100	) [1]	1.20	J	(0.100	) [1]	2.10	J	(0.0500	) [1]
1,2,3,7,8-PeCDF	ND		(0.500	) [1]	0.150	J	(0.0700	) [1]	2.20	J	(0.0800	) [1]	2.00	J	(0.0400	) [1]
2,3,4,6,7,8-HxCDF	ND		(0.500	) [1]	0.320	J	(0.0800	) [1]	6.20	J	(0.100	) [1]	13.3		(0.0400	) [1]
2,3,4,7,8-PeCDF	ND		(0.500	) [1]	0.210	J	(0.0700	) [1]	4.90	J	(0.0800	) [1]	3.70	J	(0.0400	) [1]
2,3,7,8-TCDD	ND		(0.600	) [1]	0.260	J	(0.0600	) [1]	0.210	J	(0.0600	) [1]	0.350	J	(0.0300	) [1]
2,3,7,8-TCDF	ND		(0.400	) [1]	0.570	J	(0.0500	) [1]	1.80		(0.300	) [1]	1.50		(0.200	) [1]
Total HpCDD	ND		(0.800	) [1]	3.20		(0.100	) [1]	43.1		(0.100	) [1]	215		(0.0600	) [1]
Total HpCDF	ND		(0.800	) [1]	0.710		(0.0900	) [1]	43.1		(0.100	) [1]	268		(0.0500	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TOWR Location Id: TOWR-SO04 Sample Id: NA-TOWR-SO04-02 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: TOWR Location Id: TOWR-SO04 Sample Id: NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: TOWR Location Id: TOWR-SO05 Sample Id: NA-TOWR-SO05-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TOWR Location Id: TOWR-SO06 Sample Id: NA-TOWR-SO06-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	10.4	(0.400	) [1]	20.8	(0.100	) [1]	42.2	(0.200	) [1]	66.4	(0.0600	) [1]
Total HxCDF	0.470	(0.400	) [1]	1.60	(0.0700	) [1]	62.4	(0.100	) [1]	113	(0.0400	) [1]
Total PeCDD	1.30	(0.500	) [1]	2.80	(0.100	) [1]	20.0	(0.100	) [1]	22.2	(0.0500	) [1]
Total PeCDF	ND	(0.500	) [1]	1.40	(0.0700	) [1]	62.7	(0.0800	) [1]	48.0	(0.0400	) [1]
Total TCDD	ND	(0.600	) [1]	0.850	(0.0600	) [1]	11.8	(0.0600	) [1]	13.7	(0.0300	) [1]
Total TCDF	2.30	(0.400	) [1]	4.30	(0.0500	) [1]	51.4	(0.0600	) [1]	36.1	(0.0300	) [1]
TOC (mg/kg)													
Total Organic Carbon	NA			NA			9170	(625	) [1]	NA		

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TOWR TOWR-SO06 NA-TOWR-SO06-02 08-MAR-98 3-12			TOWR TOWR-SO07 NA-TOWR-SO07-01 08-MAR-98 0-3			TOWR TOWR-SO08 NA-TOWR-SO08-01 08-MAR-98 0-3			TOWR TOWR-SO09 NA-TOWR-SO09-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.350	) [1]	ND	(0.180	) [1]	15.0	(0.270	) [1]	8.80	(0.250	) [1]
4,4'-DDE	23.0	(0.350	) [1]	ND	(0.180	) [1]	170	(1.10	) [4]	73.0	(0.250	) [1]
4,4'-DDT	79.0	(0.350	) [1]	ND	(0.180	) [1]	240	(1.10	) [4]	27.0	(0.250	) [1]
Aldrin	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1016	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1221	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1232	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1242	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1248	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1254	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Aroclor-1260	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Dieldrin	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endosulfan I	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endosulfan II	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endosulfan sulfate	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endrin	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endrin aldehyde	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Endrin ketone	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Heptachlor	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Heptachlor epoxide	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Methoxychlor	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
Toxaphene	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]
alpha-BHC	ND	(0.350	) [1]	ND	(0.180	) [1]	ND	(0.270	) [1]	ND	(0.250	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TOWR				TOWR				TOWR				TOWR	
	TOWR-SO06				TOWR-SO07				TOWR-SO08				TOWR-SO09	
	NA-TOWR-SO06-02				NA-TOWR-SO07-01				NA-TOWR-SO08-01				NA-TOWR-SO09-01	
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98	
	3-12				0-3				0-3				0-3	
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)														
alpha-Chlordane	ND		(0.350	) [1]	ND	(0.180	) [1]		ND	(0.270	) [1]		2.00	(0.250) [1]
beta-BHC	ND		(0.350	) [1]	ND	(0.180	) [1]		ND	(0.270	) [1]		ND	(0.250) [1]
delta-BHC	ND		(0.350	) [1]	ND	(0.180	) [1]		ND	(0.270	) [1]		ND	(0.250) [1]
gamma-BHC(Lindane)	ND		(0.350	) [1]	ND	(0.180	) [1]		ND	(0.270	) [1]		ND	(0.250) [1]
gamma-Chlordane	ND		(0.350	) [1]	ND	(0.180	) [1]		ND	(0.270	) [1]		2.30	(0.250) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)														
1,2,4-Trichlorobenzene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
1,2-Dichlorobenzene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
1,3-Dichlorobenzene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
1,4-Dichlorobenzene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,2'-oxybis(1-chloropropane)	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4,5-Trichlorophenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4,6-Trichlorophenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4-Dichlorophenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4-Dimethylphenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4-Dinitrophenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,4-Dinitrotoluene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2,6-Dinitrotoluene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2-Chloronaphthalene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2-Chlorophenol	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2-Methylnaphthalene	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]
2-Nitroaniline	ND	UJ	(71.0	) [1]	ND	(36.0	) [1]		ND	UJ	(54.0	) [1]	ND	(50.0) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TOWR	TOWR	TOWR	TOWR	TOWR
	TOWR-SO06	TOWR-SO07	TOWR-SO08	TOWR-SO09	TOWR-SO09
	NA-TOWR-SO06-02	NA-TOWR-SO07-01	NA-TOWR-SO08-01	NA-TOWR-SO09-01	NA-TOWR-SO09-01
	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98
	3-12	0-3	0-3	0-3	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
2-Nitrophenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
3,3'-Dichlorobenzidine	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
3-Nitroaniline	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4,6-Dinitro-2-methylphenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Bromophenyl-phenylether	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Chloro-3-methylphenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Chloroaniline	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Chlorophenyl-phenylether	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Nitroanaline	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
4-Nitrophenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Acenaphthene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Acenaphthylene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Anthracene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Benzo(a)anthracene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Benzo(a)pyrene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Benzo(b)fluoranthene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Benzo(g,h,i)perylene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Benzo(k)fluoranthene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Butylbenzylphthalate	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Carbazole	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Chrysene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Dibenz(a,h)anthracene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Dibenzofuran	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TOWR	TOWR	TOWR	TOWR	TOWR
	TOWR-SO06	TOWR-SO07	TOWR-SO08	TOWR-SO09	
	NA-TOWR-SO06-02	NA-TOWR-SO07-01	NA-TOWR-SO08-01	NA-TOWR-SO09-01	
	08-MAR-98	08-MAR-98	08-MAR-98	08-MAR-98	
	3-12	0-3	0-3	0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
Diethylphthalate	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Dimethylphthalate	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Fluoranthene	ND UJ (71.0) [1]	ND (36.0) [1]	65.0 J (54.0) [1]	ND (50.0) [1]	
Fluorene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Hexachloro-1,3-butadiene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Hexachlorobenzene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Hexachlorocyclopentadiene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Hexachloroethane	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Indeno(1,2,3-cd)pyrene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Isophorone	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
N-Nitroso-di-n-propylamine	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
N-Nitrosodiphenylamine	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Naphthalene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Nitrobenzene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Pentachlorophenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Phenanthrene	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Phenol	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
Pyrene	ND UJ (71.0) [1]	ND (36.0) [1]	64.0 J (54.0) [1]	56.0 (50.0) [1]	
bis(2-Chloroethoxy)methane	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
bis(2-Chloroethyl)ether	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	
bis(2-Ethylhexyl)phthalate	ND UJ (71.0) [1]	78.0 (36.0) [1]	300 J (54.0) [1]	150 (50.0) [1]	
di-n-Butylphthalate	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	58.0 (50.0) [1]	
di-n-Octylphthalate	ND UJ (71.0) [1]	ND (36.0) [1]	ND UJ (54.0) [1]	ND (50.0) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TOWR				TOWR				TOWR				TOWR	
	TOWR-SO06				TOWR-SO07				TOWR-SO08				TOWR-SO09	
	NA-TOWR-SO06-02				NA-TOWR-SO07-01				NA-TOWR-SO08-01				NA-TOWR-SO09-01	
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98	
	3-12				0-3				0-3				0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
o-Cresol	ND	UJ	(71.0	) [1]	ND		(36.0	) [1]	ND	UJ	(54.0	) [1]	ND	(50.0) [1]
p-Cresol	ND	UJ	(71.0	) [1]	ND		(36.0	) [1]	ND	UJ	(54.0	) [1]	ND	(50.0) [1]
SW8290 - Dioxins (ppt)														
1,2,3,4,6,7,8,9-OCDD	147		(0.200	) [1]	13.0		(0.300	) [1]	563		(1.50	) [1]	251	(0.900) [1]
1,2,3,4,6,7,8,9-OCDF	48.2		(0.100	) [1]	1.80	J	(0.300	) [1]	48.9		(1.30	) [1]	31.6	(0.800) [1]
1,2,3,4,6,7,8-HpCDD	21.2		(0.0800	) [1]	2.30	J	(0.300	) [1]	43.7		(1.30	) [1]	33.2	(0.700) [1]
1,2,3,4,6,7,8-HpCDF	29.5		(0.0500	) [1]	2.60	J	(0.200	) [1]	28.5		(0.900	) [1]	26.2	(0.500) [1]
1,2,3,4,7,8,9-HpCDF	5.30		(0.0600	) [1]	0.600	J	(0.300	) [1]	3.80	J	(1.10	) [1]	4.80	J (0.600) [1]
1,2,3,4,7,8-HxCDD	0.720	J	(0.0600	) [1]	ND		(0.300	) [1]	ND		(1.30	) [1]	1.30	J (0.700) [1]
1,2,3,4,7,8-HxCDF	7.00		(0.0300	) [1]	1.00	J	(0.200	) [1]	8.10		(0.800	) [1]	11.4	(0.500) [1]
1,2,3,6,7,8-HxCDD	1.80	J	(0.0600	) [1]	0.320	J	(0.300	) [1]	3.10	J	(1.10	) [1]	3.10	J (0.600) [1]
1,2,3,6,7,8-HxCDF	2.80	J	(0.0300	) [1]	0.620	J	(0.200	) [1]	3.60	J	(0.700	) [1]	5.30	(0.400) [1]
1,2,3,7,8,9-HxCDD	3.40	J	(0.0500	) [1]	0.440	J	(0.200	) [1]	4.20	J	(1.10	) [1]	6.50	(0.600) [1]
1,2,3,7,8,9-HxCDF	0.340	J	(0.0400	) [1]	ND		(0.200	) [1]	ND		(0.900	) [1]	0.590	J (0.500) [1]
1,2,3,7,8-PeCDD	0.750	J	(0.0500	) [1]	ND		(0.200	) [1]	1.30	J	(1.00	) [1]	2.20	J (0.500) [1]
1,2,3,7,8-PeCDF	1.10	J	(0.0300	) [1]	0.310	J	(0.300	) [1]	1.90	J	(0.800	) [1]	2.60	J (0.400) [1]
2,3,4,6,7,8-HxCDF	7.20		(0.0400	) [1]	1.10	J	(0.200	) [1]	3.60	J	(0.800	) [1]	9.30	(0.500) [1]
2,3,4,7,8-PeCDF	1.90	J	(0.0300	) [1]	ND		(0.200	) [1]	1.70	J	(0.800	) [1]	4.80	J (0.400) [1]
2,3,7,8-TCDD	0.150	J	(0.0300	) [1]	ND		(0.200	) [1]	ND		(0.800	) [1]	ND	(0.400) [1]
2,3,7,8-TCDF	0.810	J	(0.0700	) [1]	ND		(0.900	) [1]	1.40		(1.00	) [1]	1.90	(0.400) [1]
Total HpCDD	37.9		(0.0800	) [1]	2.30		(0.300	) [1]	83.4		(1.30	) [1]	61.4	(0.700) [1]
Total HpCDF	54.7		(0.0600	) [1]	4.60		(0.200	) [1]	65.3		(1.00	) [1]	51.8	(0.500) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TOWR Location Id: TOWR-SO06 Sample Id: NA-TOWR-SO06-02 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: TOWR Location Id: TOWR-SO07 Sample Id: NA-TOWR-SO07-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TOWR Location Id: TOWR-SO08 Sample Id: NA-TOWR-SO08-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TOWR Location Id: TOWR-SO09 Sample Id: NA-TOWR-SO09-01 Log Date: 08-MAR-98 Beg. Depth - End Depth (in.): 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	32.4	(0.0600	) [1]	2.90	(0.300	) [1]	36.5	(1.10	) [1]	44.7	(0.600	) [1]
Total HxCDF	37.2	(0.0400	) [1]	3.50	(0.200	) [1]	41.8	(0.800	) [1]	58.6	(0.400	) [1]
Total PeCDD	7.90	(0.0500	) [1]	0.370	(0.200	) [1]	8.30	(1.00	) [1]	17.7	(0.500	) [1]
Total PeCDF	21.7	(0.0300	) [1]	2.60	(0.200	) [1]	20.4	(0.800	) [1]	61.8	(0.400	) [1]
Total TCDD	6.20	(0.0300	) [1]	0.290	(0.200	) [1]	10.8	(0.800	) [1]	22.2	(0.400	) [1]
Total TCDF	13.2	(0.0200	) [1]	1.00	(0.100	) [1]	7.70	(1.00	) [1]	45.0	(0.300	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TOWR TOWR-SO10 NA-TOWR-SO10-01 08-MAR-98 0-3			TOWR TOWR-SO10 NA-TOWR-SO10-02 08-MAR-98 3-12			TOWR TOWR-SO11 NA-TOWR-SO11-01 08-MAR-98 0-3			TOWR TOWR-SO12 NA-TOWR-SO12-01 08-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	6.50	(0.270	) [1]	9.50	(0.290	) [1]	ND	(0.190	) [1]	8.50	(0.270	) [1]
4,4'-DDE	36.0	(0.270	) [1]	55.0	(0.290	) [1]	ND	(0.190	) [1]	23.0	(0.270	) [1]
4,4'-DDT	68.0	(0.270	) [1]	79.0	(0.290	) [1]	ND	(0.190	) [1]	63.0	(0.270	) [1]
Aldrin	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1016	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1221	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1232	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1242	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1248	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1254	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Aroclor-1260	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Dieldrin	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endosulfan I	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endosulfan II	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endosulfan sulfate	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endrin	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endrin aldehyde	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Endrin ketone	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Heptachlor	0.880	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Heptachlor epoxide	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Methoxychlor	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
Toxaphene	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
alpha-BHC	ND	(0.270	) [1]	ND	(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TOWR				TOWR				TOWR				TOWR	
	TOWR-SO10				TOWR-SO10				TOWR-SO11				TOWR-SO12	
	NA-TOWR-SO10-01				NA-TOWR-SO10-02				NA-TOWR-SO11-01				NA-TOWR-SO12-01	
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98	
	0-3				3-12				0-3				0-3	
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)														
alpha-Chlordane	7.80		(0.270	) [1]	4.60	J	(0.290	) [1]	ND	(0.190	) [1]	2.80	J (0.270	) [1]
beta-BHC	ND		(0.270	) [1]	ND		(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
delta-BHC	ND		(0.270	) [1]	ND		(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
gamma-BHC(Lindane)	ND		(0.270	) [1]	ND		(0.290	) [1]	ND	(0.190	) [1]	ND	(0.270	) [1]
gamma-Chlordane	8.20		(0.270	) [1]	4.60		(0.290	) [1]	ND	(0.190	) [1]	2.90	J (0.270	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)														
1,2,4-Trichlorobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
1,2-Dichlorobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
1,3-Dichlorobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
1,4-Dichlorobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4,5-Trichlorophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4,6-Trichlorophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4-Dichlorophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4-Dimethylphenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4-Dinitrophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,4-Dinitrotoluene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2,6-Dinitrotoluene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2-Chloronaphthalene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2-Chlorophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2-Methylnaphthalene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]
2-Nitroaniline	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]	ND	(54.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TOWR TOWR-SO10 NA-TOWR-SO10-01 08-MAR-98 0-3					TOWR TOWR-SO10 NA-TOWR-SO10-02 08-MAR-98 3-12					TOWR TOWR-SO11 NA-TOWR-SO11-01 08-MAR-98 0-3					TOWR TOWR-SO12 NA-TOWR-SO12-01 08-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																				
2-Nitrophenol	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
3,3'-Dichlorobenzidine	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
3-Nitroaniline	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4,6-Dinitro-2-methylphenol	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Bromophenyl-phenylether	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Chloro-3-methylphenol	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Chloroaniline	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Chlorophenyl-phenylether	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Nitroanaline	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
4-Nitrophenol	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Acenaphthene	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Acenaphthylene	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Anthracene	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Benzo(a)anthracene	ND	UJ	(54.0	) [1]		74.0	J	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Benzo(a)pyrene	ND	UJ	(54.0	) [1]		88.0	J	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Benzo(b)fluoranthene	ND	UJ	(54.0	) [1]		79.0	J	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Benzo(g,h,i)perylene	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Benzo(k)fluoranthene	ND	UJ	(54.0	) [1]		81.0	J	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Butylbenzylphthalate	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Carbazole	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Chrysene	ND	UJ	(54.0	) [1]		79.0	J	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Dibenz(a,h)anthracene	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	
Dibenzofuran	ND	UJ	(54.0	) [1]		ND	UJ	(58.0	) [1]		ND		(37.0	) [1]		ND		(54.0	) [1]	

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)											
	TOWR / TOWR-SO10 / NA-TOWR-SO10-01 / 08-MAR-98 / 0-3				TOWR / TOWR-SO10 / NA-TOWR-SO10-02 / 08-MAR-98 / 3-12				TOWR / TOWR-SO11 / NA-TOWR-SO11-01 / 08-MAR-98 / 0-3				TOWR / TOWR-SO12 / NA-TOWR-SO12-01 / 08-MAR-98 / 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
Diethylphthalate	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	110	(37.0	) [1]		ND	(54.0	) [1]	
Dimethylphthalate	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Fluoranthene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		55.0	(54.0	) [1]	
Fluorene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Hexachloro-1,3-butadiene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Hexachlorobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Hexachlorocyclopentadiene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Hexachloroethane	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Indeno(1,2,3-cd)pyrene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Isophorone	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
N-Nitroso-di-n-propylamine	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
N-Nitrosodiphenylamine	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Naphthalene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Nitrobenzene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Pentachlorophenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Phenanthrene	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Phenol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
Pyrene	ND	UJ	(54.0	) [1]	73.0	J	(58.0	) [1]	ND	(37.0	) [1]		58.0	(54.0	) [1]	
bis(2-Chloroethoxy)methane	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
bis(2-Chloroethyl)ether	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	
bis(2-Ethylhexyl)phthalate	580	J	(54.0	) [1]	140	J	(58.0	) [1]	56.0	(37.0	) [1]		94.0	(54.0	) [1]	
di-n-Butylphthalate	66.0		(54.0	) [1]	60.0	J	(58.0	) [1]	ND	(37.0	) [1]		78.0	(54.0	) [1]	
di-n-Octylphthalate	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND	(37.0	) [1]		ND	(54.0	) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	TOWR				TOWR				TOWR				TOWR			
Location Id	TOWR-SO10				TOWR-SO10				TOWR-SO11				TOWR-SO12			
Sample Id	NA-TOWR-SO10-01				NA-TOWR-SO10-02				NA-TOWR-SO11-01				NA-TOWR-SO12-01			
Log Date	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND		(37.0	) [1]	ND		(54.0	) [1]
p-Cresol	ND	UJ	(54.0	) [1]	ND	UJ	(58.0	) [1]	ND		(37.0	) [1]	ND		(54.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	1110		(5.20	) [1]	560		(3.10	) [1]	11.3		(0.200	) [1]	1050		(2.50	) [1]
1,2,3,4,6,7,8,9-OCDF	110		(3.90	) [1]	47.4		(2.30	) [1]	3.60	J	(0.200	) [1]	69.0		(1.80	) [1]
1,2,3,4,6,7,8-HpCDD	73.6		(1.80	) [1]	40.2		(1.30	) [1]	1.80	J	(0.200	) [1]	58.3		(1.10	) [1]
1,2,3,4,6,7,8-HpCDF	39.3		(1.00	) [1]	17.0		(0.700	) [1]	3.10	J	(0.200	) [1]	27.1		(0.600	) [1]
1,2,3,4,7,8,9-HpCDF	5.60		(1.40	) [1]	1.40	J	(1.00	) [1]	0.970	J	(0.200	) [1]	3.20	J	(0.900	) [1]
1,2,3,4,7,8-HxCDD	3.20	J	(1.00	) [1]	1.10	J	(0.700	) [1]	ND		(0.200	) [1]	1.30	J	(0.600	) [1]
1,2,3,4,7,8-HxCDF	8.20	J	(0.500	) [1]	2.50	J	(0.400	) [1]	1.40	J	(0.200	) [1]	4.20	J	(0.300	) [1]
1,2,3,6,7,8-HxCDD	5.90		(1.00	) [1]	2.80	J	(0.700	) [1]	ND		(0.200	) [1]	3.50	J	(0.600	) [1]
1,2,3,6,7,8-HxCDF	4.10	J	(0.500	) [1]	1.50	J	(0.400	) [1]	0.650	J	(0.200	) [1]	1.70	J	(0.300	) [1]
1,2,3,7,8,9-HxCDD	9.20		(0.900	) [1]	4.00	J	(0.700	) [1]	ND		(0.200	) [1]	4.40	J	(0.600	) [1]
1,2,3,7,8,9-HxCDF	2.10	J	(0.700	) [1]	0.820	J	(0.600	) [1]	ND		(0.200	) [1]	0.650	J	(0.500	) [1]
1,2,3,7,8-PeCDD	3.00	J	(0.600	) [1]	1.30	J	(0.400	) [1]	ND		(0.200	) [1]	1.30	J	(0.400	) [1]
1,2,3,7,8-PeCDF	2.40	J	(0.300	) [1]	0.810	J	(0.200	) [1]	0.600	J	(0.200	) [1]	0.660	J	(0.200	) [1]
2,3,4,6,7,8-HxCDF	8.30		(0.600	) [1]	2.30	J	(0.500	) [1]	0.910	J	(0.200	) [1]	4.20	J	(0.400	) [1]
2,3,4,7,8-PeCDF	3.50	J	(0.300	) [1]	0.930	J	(0.300	) [1]	0.680	J	(0.200	) [1]	1.40	J	(0.200	) [1]
2,3,7,8-TCDD	0.580	J	(0.300	) [1]	0.290	J	(0.200	) [1]	ND		(0.200	) [1]	ND		(0.200	) [1]
2,3,7,8-TCDF	1.60		(0.500	) [1]	0.810	J	(0.300	) [1]	ND		(0.600	) [1]	0.820	J	(0.300	) [1]
Total HpCDD	137		(1.80	) [1]	74.2		(1.30	) [1]	2.10		(0.200	) [1]	112		(1.10	) [1]
Total HpCDF	92.7		(1.20	) [1]	42.3		(0.900	) [1]	5.20		(0.200	) [1]	71.7		(0.700	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
		TOWR TOWR-SO10 NA-TOWR-SO10-01 08-MAR-98 0-3			TOWR TOWR-SO10 NA-TOWR-SO10-02 08-MAR-98 3-12			TOWR TOWR-SO11 NA-TOWR-SO11-01 08-MAR-98 0-3			TOWR TOWR-SO12 NA-TOWR-SO12-01 08-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	56.4	(1.00	) [1]	23.1	(0.700	) [1]	2.40	(0.200	) [1]	31.1	(0.600	) [1]
Total HxCDF	58.9	(0.600	) [1]	23.0	(0.400	) [1]	4.40	(0.200	) [1]	36.1	(0.400	) [1]
Total PeCDD	10.2	(0.600	) [1]	1.30	(0.400	) [1]	1.30	(0.200	) [1]	31.4	(0.400	) [1]
Total PeCDF	35.5	(0.300	) [1]	12.0	(0.300	) [1]	3.50	(0.200	) [1]	18.3	(0.200	) [1]
Total TCDD	19.7	(0.300	) [1]	4.50	(0.200	) [1]	0.610	(0.200	) [1]	278	(0.200	) [1]
Total TCDF	28.3	(0.200	) [1]	7.60	(0.200	) [1]	1.10	(0.100	) [1]	19.8	(0.100	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	TRND				TRND				TRND				TRND				TRND			
	TRND-SO01				TRND-SO01				TRND-SO02				TRND-SO02				TRND-SO02			
	NA-TRND-SO01-01				NA-TRND-SO01-02				NA-TRND-SO02-01				NA-TRND-SO02-02				NA-TRND-SO02-02			
	15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98			
	0-3				3-12				0-3				3-12				3-12			
OLM03.2 - Pesticides and PCBs (ug/kg)																				
4,4'-DDD	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
4,4'-DDE	ND		(0.290	) [1]	ND		(0.250	) [1]	2.70	J	(0.310	) [1]	ND		(0.340	) [1]				
4,4'-DDT	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aldrin	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1016	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1221	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1232	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1242	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1248	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1254	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Aroclor-1260	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Dieldrin	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endosulfan I	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endosulfan II	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endosulfan sulfate	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endrin	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endrin aldehyde	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Endrin ketone	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Heptachlor	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Heptachlor epoxide	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
Methoxychlor	ND	UJ	(0.290	) [1]	ND		(0.250	) [1]	ND	UJ	(0.310	) [1]	ND	UJ	(0.340	) [1]				
Toxaphene	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				
alpha-BHC	ND		(0.290	) [1]	ND		(0.250	) [1]	ND		(0.310	) [1]	ND		(0.340	) [1]				

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)															
	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3				TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12				TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3				TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12			
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)																														
alpha-Chlordane	ND		(0.290	) [1]					ND		(0.250	) [1]					ND		(0.310	) [1]					ND		(0.340	) [1]		
beta-BHC	ND		(0.290	) [1]					ND		(0.250	) [1]					ND		(0.310	) [1]					ND		(0.340	) [1]		
delta-BHC	ND		(0.290	) [1]					ND		(0.250	) [1]					ND		(0.310	) [1]					ND		(0.340	) [1]		
gamma-BHC(Lindane)	ND		(0.290	) [1]					ND		(0.250	) [1]					ND		(0.310	) [1]					ND		(0.340	) [1]		
gamma-Chlordane	ND		(0.290	) [1]					ND		(0.250	) [1]					ND		(0.310	) [1]					ND		(0.340	) [1]		
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)																														
1,2,4-Trichlorobenzene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
1,2-Dichlorobenzene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
1,3-Dichlorobenzene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
1,4-Dichlorobenzene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,2'-oxybis(1-chloropropane)	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4,5-Trichlorophenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4,6-Trichlorophenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4-Dichlorophenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4-Dimethylphenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4-Dinitrophenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,4-Dinitrotoluene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2,6-Dinitrotoluene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2-Chloronaphthalene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2-Chlorophenol	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2-Methylnaphthalene	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		
2-Nitroaniline	ND	UJ	(58.0	) [1]					ND	UJ	(49.0	) [1]					ND	UJ	(62.0	) [1]					ND	UJ	(67.0	) [1]		

Compiled: 07/01/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]ot Detected NA = Not Applicable

[redacted] 98

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result	Qual	Detection Limit	Dilution Factor
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)									
2-Nitrophenol	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
3,3'-Dichlorobenzidine	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
3-Nitroaniline	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Bromophenyl-phenylether	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Chloro-3-methylphenol	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Chloroaniline	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Chlorophenyl-phenylether	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Nitroanaline	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
4-Nitrophenol	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
Acenaphthene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	430	J	58.0	[1]
Acenaphthylene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
Anthracene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	750	J	58.0	[1]
Benzo(a)anthracene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	9800	J	230	[4]
Benzo(a)pyrene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	12000	J	230	[4]
Benzo(b)fluoranthene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	15000	J	230	[4]
Benzo(g,h,i)perylene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	6400	J	230	[4]
Benzo(k)fluoranthene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	2900	J	58.0	[1]
Butylbenzylphthalate	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	ND	UJ	58.0	[1]
Carbazole	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	820	J	58.0	[1]
Chrysene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	9400	J	230	[4]
Dibenz(a,h)anthracene	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	2100	J	58.0	[1]
Dibenzofuran	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3	110	J	58.0	[1]
2-Nitrophenol	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
3,3'-Dichlorobenzidine	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
3-Nitroaniline	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Bromophenyl-phenylether	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Chloro-3-methylphenol	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Chloroaniline	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Chlorophenyl-phenylether	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Nitroanaline	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
4-Nitrophenol	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Acenaphthene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Acenaphthylene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Anthracene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Benzo(a)anthracene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	140	J	49.0	[1]
Benzo(a)pyrene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	180	J	13.0	[1]
Benzo(b)fluoranthene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	210	J	49.0	[1]
Benzo(g,h,i)perylene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	170	J	49.0	[1]
Benzo(k)fluoranthene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	69.0	J	49.0	[1]
Butylbenzylphthalate	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Carbazole	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Chrysene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	150	J	49.0	[1]
Dibenz(a,h)anthracene	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
Dibenzofuran	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12	ND	UJ	49.0	[1]
2-Nitrophenol	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
3,3'-Dichlorobenzidine	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
3-Nitroaniline	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Bromophenyl-phenylether	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Chloro-3-methylphenol	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Chloroaniline	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Chlorophenyl-phenylether	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Nitroanaline	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
4-Nitrophenol	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Acenaphthene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Acenaphthylene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Anthracene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Benzo(a)anthracene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Benzo(a)pyrene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	16.0	[1]
Benzo(b)fluoranthene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Benzo(g,h,i)perylene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Benzo(k)fluoranthene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Butylbenzylphthalate	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Carbazole	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Chrysene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Dibenz(a,h)anthracene	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
Dibenzofuran	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3	ND	UJ	62.0	[1]
2-Nitrophenol	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
3,3'-Dichlorobenzidine	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
3-Nitroaniline	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Bromophenyl-phenylether	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Chloro-3-methylphenol	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Chloroaniline	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Chlorophenyl-phenylether	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Nitroanaline	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
4-Nitrophenol	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Acenaphthene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Acenaphthylene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Anthracene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Benzo(a)anthracene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Benzo(a)pyrene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	18.0	[1]
Benzo(b)fluoranthene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Benzo(g,h,i)perylene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Benzo(k)fluoranthene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Butylbenzylphthalate	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Carbazole	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Chrysene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Dibenz(a,h)anthracene	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]
Dibenzofuran	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12	ND	UJ	67.0	[1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND-SO01	NA-TRND-SO01-01	15-MAR-98	0-3
	TRND	TRND-SO01	NA-TRND-SO01-02	15-MAR-98	3-12
	TRND	TRND-SO02	NA-TRND-SO02-01	15-MAR-98	0-3
	TRND	TRND-SO02	NA-TRND-SO02-02	15-MAR-98	3-12

OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)

Diethylphthalate	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	160	J	(67.0	) [1]
Dimethylphthalate	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Fluoranthene	3500	J	(58.0	) [1]	150	J	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Fluorene	240	J	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Hexachloro-1,3-butadiene	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Hexachlorobenzene	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Hexachlorocyclopentadiene	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Hexachloroethane	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Indeno(1,2,3-cd)pyrene	6300	J	(230	) [4]	120	J	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Isophorone	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
N-Nitroso-di-n-propylamine	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
N-Nitrosodiphenylamine	71.0	J	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Naphthalene	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Nitrobenzene	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Pentachlorophenol	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Phenanthrene	2100	J	(58.0	) [1]	58.0	J	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Phenol	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
Pyrene	13000	J	(230	) [4]	180	J	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
bis(2-Chloroethoxy)methane	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
bis(2-Chloroethyl)ether	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
bis(2-Ethylhexyl)phthalate	210	J	(58.0	) [1]	ND	UJ	(49.0	) [1]	270	J	(62.0	) [1]	ND	UJ	(67.0	) [1]
di-n-Butylphthalate	190	J	(58.0	) [1]	160	J	(49.0	) [1]	340	J	(62.0	) [1]	ND	UJ	(67.0	) [1]
di-n-Octylphthalate	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO01 NA-TRND-SO01-01 15-MAR-98 0-3				TRND TRND-SO01 NA-TRND-SO01-02 15-MAR-98 3-12				TRND TRND-SO02 NA-TRND-SO02-01 15-MAR-98 0-3				TRND TRND-SO02 NA-TRND-SO02-02 15-MAR-98 3-12			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
o-Cresol	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
p-Cresol	ND	UJ	(58.0	) [1]	ND	UJ	(49.0	) [1]	ND	UJ	(62.0	) [1]	ND	UJ	(67.0	) [1]
SW8290 - Dioxins (ppt)																	
1,2,3,4,6,7,8,9-OCDD	616		(0.300	) [1]	95.3		(0.300	) [1]	1320		(0.200	) [1]	253		(0.300	) [1]
1,2,3,4,6,7,8,9-OCDF	217		(0.200	) [1]	8.10	BJ	(0.200	) [1]	352		(0.200	) [1]	27.5		(0.300	) [1]
1,2,3,4,6,7,8-HpCDD	149		(0.200	) [1]	8.30		(0.200	) [1]	324		(0.200	) [1]	33.5		(0.300	) [1]
1,2,3,4,6,7,8-HpCDF	141		(0.100	) [1]	6.90	B	(0.200	) [1]	314		(0.200	) [1]	26.6		(0.200	) [1]
1,2,3,4,7,8,9-HpCDF	33.9		(0.200	) [1]	1.80	BJ	(0.200	) [1]	64.1		(0.200	) [1]	4.40	J	(0.300	) [1]
1,2,3,4,7,8-HxCDD	11.9		(0.200	) [1]	0.500	J	(0.300	) [1]	19.2		(0.200	) [1]	1.30	J	(0.300	) [1]
1,2,3,4,7,8-HxCDF	82.4	J	(0.100	) [1]	3.90	BJ	(0.200	) [1]	139	J	(0.200	) [1]	9.00	J	(0.200	) [1]
1,2,3,6,7,8-HxCDD	16.4		(0.200	) [1]	0.940	J	(0.200	) [1]	30.9		(0.200	) [1]	3.10	J	(0.300	) [1]
1,2,3,6,7,8-HxCDF	26.9		(0.100	) [1]	1.20	BJ	(0.200	) [1]	51.5		(0.100	) [1]	3.50	J	(0.200	) [1]
1,2,3,7,8,9-HxCDD	28.3	J	(0.200	) [1]	3.20	J	(0.200	) [1]	46.2	J	(0.200	) [1]	9.40		(0.300	) [1]
1,2,3,7,8,9-HxCDF	6.60	J	(0.200	) [1]	0.500	J	(0.200	) [1]	11.7	J	(0.200	) [1]	0.900	J	(0.300	) [1]
1,2,3,7,8-PeCDD	7.20		(0.100	) [1]	0.720	J	(0.200	) [1]	11.8		(0.200	) [1]	1.90	J	(0.200	) [1]
1,2,3,7,8-PeCDF	26.6		(0.0900	) [1]	1.50	J	(0.200	) [1]	25.2		(0.100	) [1]	1.60	J	(0.200	) [1]
2,3,4,6,7,8-HxCDF	54.8	J	(0.100	) [1]	2.40	J	(0.200	) [1]	120		(0.200	) [1]	8.90		(0.300	) [1]
2,3,4,7,8-PeCDF	23.7		(0.0900	) [1]	1.40	J	(0.200	) [1]	38.2		(0.100	) [1]	2.60	J	(0.200	) [1]
2,3,7,8-TCDD	1.30		(0.0900	) [1]	ND		(0.200	) [1]	1.80		(0.100	) [1]	0.340	J	(0.200	) [1]
2,3,7,8-TCDF	17.4		(0.600	) [1]	1.00	J	(0.800	) [1]	12.6		(0.500	) [1]	1.10		(0.700	) [1]
Total HpCDD	300		(0.200	) [1]	16.7		(0.200	) [1]	594		(0.200	) [1]	62.9		(0.300	) [1]
Total HpCDF	254		(0.200	) [1]	12.7		(0.200	) [1]	596		(0.200	) [1]	56.2		(0.200	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO01				TRND-SO01				TRND-SO02				TRND-SO02			
Sample Id	NA-TRND-SO01-01				NA-TRND-SO01-02				NA-TRND-SO02-01				NA-TRND-SO02-02			
Log Date	15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				3-12			
SW8290 - Dioxins, cont. (ppt)																
Total HxCDD	262		(0.200	) [1]	16.1	(0.200	) [1]	427		(0.200	) [1]	42.4		(0.300	) [1]	
Total HxCDF	347		(0.100	) [1]	15.4	(0.200	) [1]	683		(0.200	) [1]	54.8		(0.200	) [1]	
Total PeCDD	146		(0.100	) [1]	5.90	(0.200	) [1]	204		(0.200	) [1]	12.2		(0.200	) [1]	
Total PeCDF	278		(0.0900	) [1]	14.8	(0.200	) [1]	437		(0.100	) [1]	30.9		(0.200	) [1]	
Total TCDD	131		(0.0900	) [1]	7.30	(0.200	) [1]	105		(0.100	) [1]	8.70		(0.200	) [1]	
Total TCDF	242		(0.0600	) [1]	11.6	(0.100	) [1]	260		(0.0800	) [1]	17.0		(0.100	) [1]	
TOC (mg/kg)																
Total Organic Carbon	99600	K	(3340	) [1]	NA			NA				NA				

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO03 NA-TRND-SO03-01 15-MAR-98 0-3				TRND TRND-SO03 NA-TRND-SO03-02 15-MAR-98 3-12				TRND TRND-SO04 NA-TRND-SO04-31 10-MAR-98 0-3				TRND TRND-SO04 NA-TRND-SO04-11 Dup of NA-TRND-SO04-31 10-MAR-98 0-3			
OLM03.2 - Pesticides and PCBs (ug/kg)																
4,4'-DDD	ND		(0.240	) [1]	3.90		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
4,4'-DDE	6.50		(0.240	) [1]	19.0		(0.270	) [1]	730		(3.00	) [10]	750		(3.10	) [10]
4,4'-DDT	11.0	J	(0.240	) [1]	12.0	J	(0.270	) [1]	840		(3.00	) [10]	870		(3.10	) [10]
Aldrin	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1016	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1221	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1232	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1242	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1248	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1254	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Aroclor-1260	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Dieldrin	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endosulfan I	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endosulfan II	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endosulfan sulfate	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endrin	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endrin aldehyde	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Endrin ketone	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Heptachlor	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Heptachlor epoxide	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Methoxychlor	ND	UJ	(0.240	) [1]	ND	UJ	(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
Toxaphene	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]
alpha-BHC	ND		(0.240	) [1]	ND		(0.270	) [1]	ND		(0.300	) [1]	ND		(0.310	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)											
	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3			TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12		TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3		TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)																									
alpha-Chlordane	ND		(0.240	) [1]				ND		(0.270	) [1]			ND		(0.300	) [1]			ND		(0.310	) [1]		
beta-BHC	ND		(0.240	) [1]				ND		(0.270	) [1]			ND		(0.300	) [1]			ND		(0.310	) [1]		
delta-BHC	ND		(0.240	) [1]				ND		(0.270	) [1]			ND		(0.300	) [1]			ND		(0.310	) [1]		
gamma-BHC(Lindane)	ND		(0.240	) [1]				ND		(0.270	) [1]			ND		(0.300	) [1]			ND		(0.310	) [1]		
gamma-Chlordane	ND		(0.240	) [1]				ND		(0.270	) [1]			ND		(0.300	) [1]			ND		(0.310	) [1]		
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)																									
1,2,4-Trichlorobenzene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
1,2-Dichlorobenzene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
1,3-Dichlorobenzene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
1,4-Dichlorobenzene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,2'-oxybis(1-chloropropane)	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4,5-Trichlorophenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4,6-Trichlorophenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4-Dichlorophenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4-Dimethylphenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4-Dinitrophenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,4-Dinitrotoluene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2,6-Dinitrotoluene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2-Chloronaphthalene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2-Chlorophenol	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2-Methylnaphthalene	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		
2-Nitroaniline	ND	UJ	(48.0	) [1]				ND	UJ	(54.0	) [1]			ND		(61.0	) [1]			ND		(62.0	) [1]		

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result	Qual	Detection Limit	Dilution Factor
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)									
2-Nitrophenol	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
3,3'-Dichlorobenzidine	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
3-Nitroaniline	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Bromophenyl-phenylether	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Chloro-3-methylphenol	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Chloroaniline	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Chlorophenyl-phenylether	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Nitroanaline	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
4-Nitrophenol	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Acenaphthene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Acenaphthylene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Anthracene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Benzo(a)anthracene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Benzo(a)pyrene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	33.0	J	(13.0	) [1]
Benzo(b)fluoranthene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Benzo(g,h,i)perylene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Benzo(k)fluoranthene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Butylbenzylphthalate	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Carbazole	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Chrysene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Dibenz(a,h)anthracene	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
Dibenzofuran	TRND	TRND-SO03	NA-TRND-SO03-01	15-MAR-98	0-3	ND	UJ	(48.0	) [1]
2-Nitrophenol	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
3,3'-Dichlorobenzidine	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
3-Nitroaniline	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Bromophenyl-phenylether	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Chloro-3-methylphenol	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Chloroaniline	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Chlorophenyl-phenylether	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Nitroanaline	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
4-Nitrophenol	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Acenaphthene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Acenaphthylene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Anthracene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Benzo(a)anthracene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Benzo(a)pyrene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(14.0	) [1]
Benzo(b)fluoranthene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Benzo(g,h,i)perylene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Benzo(k)fluoranthene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Butylbenzylphthalate	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Carbazole	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Chrysene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Dibenz(a,h)anthracene	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
Dibenzofuran	TRND	TRND-SO03	NA-TRND-SO03-02	15-MAR-98	3-12	ND	UJ	(54.0	) [1]
2-Nitrophenol	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
3,3'-Dichlorobenzidine	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
3-Nitroaniline	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Bromophenyl-phenylether	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Chloro-3-methylphenol	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Chloroaniline	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Chlorophenyl-phenylether	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Nitroanaline	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
4-Nitrophenol	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Acenaphthene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Acenaphthylene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Anthracene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Benzo(a)anthracene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	380		(61.0	) [1]
Benzo(a)pyrene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	440		(61.0	) [1]
Benzo(b)fluoranthene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	750		(61.0	) [1]
Benzo(g,h,i)perylene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	320		(61.0	) [1]
Benzo(k)fluoranthene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Butylbenzylphthalate	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Carbazole	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Chrysene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	380		(61.0	) [1]
Dibenz(a,h)anthracene	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
Dibenzofuran	TRND	TRND-SO04	NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(61.0	) [1]
2-Nitrophenol	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
3,3'-Dichlorobenzidine	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
3-Nitroaniline	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Bromophenyl-phenylether	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Chloro-3-methylphenol	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Chloroaniline	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Chlorophenyl-phenylether	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Nitroanaline	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
4-Nitrophenol	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Acenaphthene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Acenaphthylene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Anthracene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Benzo(a)anthracene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	180		(62.0	) [1]
Benzo(a)pyrene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	200		(62.0	) [1]
Benzo(b)fluoranthene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	220		(62.0	) [1]
Benzo(g,h,i)perylene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	140		(62.0	) [1]
Benzo(k)fluoranthene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	170		(62.0	) [1]
Butylbenzylphthalate	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Carbazole	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Chrysene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	180		(62.0	) [1]
Dibenz(a,h)anthracene	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]
Dibenzofuran	TRND	TRND-SO04	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	10-MAR-98	0-3	ND	UJ	(62.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id: TRND Location Id: TRND-SO03 Sample Id: NA-TRND-SO03-01 Log Date: 15-MAR-98 Beg. Depth - End Depth (in.): 0-3				Site Id: TRND Location Id: TRND-SO03 Sample Id: NA-TRND-SO03-02 Log Date: 15-MAR-98 Beg. Depth - End Depth (in.): 3-12				Site Id: TRND Location Id: TRND-SO04 Sample Id: NA-TRND-SO04-31 Log Date: 10-MAR-98 Beg. Depth - End Depth (in.): 0-3				Site Id: TRND Location Id: TRND-SO04 Sample Id: NA-TRND-SO04-11 Dup of NA-TRND-SO04-31 Log Date: 10-MAR-98 Beg. Depth - End Depth (in.): 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
Diethylphthalate	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Dimethylphthalate	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Fluoranthene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	340		(61.0	) [1]	190		(62.0	) [1]
Fluorene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Hexachloro-1,3-butadiene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Hexachlorobenzene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Hexachlorocyclopentadiene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND	UJ	(61.0	) [1]	ND	UJ	(62.0	) [1]
Hexachloroethane	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	320		(61.0	) [1]	140		(62.0	) [1]
Isophorone	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
N-Nitroso-di-n-propylamine	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
N-Nitrosodiphenylamine	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Naphthalene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Nitrobenzene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Pentachlorophenol	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Phenanthrene	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	120		(61.0	) [1]	96.0		(62.0	) [1]
Phenol	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
Pyrene	58.0	J	(48.0	) [1]	ND	UJ	(54.0	) [1]	480		(61.0	) [1]	250		(62.0	) [1]
bis(2-Chloroethoxy)methane	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
bis(2-Chloroethyl)ether	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]
bis(2-Ethylhexyl)phthalate	230	J	(48.0	) [1]	ND	UJ	(54.0	) [1]	290	J	(61.0	) [1]	2100	J	(62.0	) [1]
di-n-Butylphthalate	120	J	(48.0	) [1]	68.0	J	(54.0	) [1]	150		(61.0	) [1]	160		(62.0	) [1]
di-n-Octylphthalate	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND		(62.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO03				TRND-SO03				TRND-SO04				TRND-SO04	
	NA-TRND-SO03-01				NA-TRND-SO03-02				NA-TRND-SO04-31				NA-TRND-SO04-11 Dup of NA-TRND-SO04-31	
	15-MAR-98				15-MAR-98				10-MAR-98				10-MAR-98	
	0-3				3-12				0-3				0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
o-Cresol	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND	(62.0) [1]
p-Cresol	ND	UJ	(48.0	) [1]	ND	UJ	(54.0	) [1]	ND		(61.0	) [1]	ND	(62.0) [1]
SW8290 - Dioxins (ppt)														
1,2,3,4,6,7,8,9-OCDD	1250		(0.400	) [1]	799		(0.500	) [1]	20040	J	(2.00	) [1]	18700 J	(0.800) [1]
1,2,3,4,6,7,8,9-OCDF	246		(0.300	) [1]	70.4		(0.400	) [1]	2360		(1.60	) [1]	1900	(0.600) [1]
1,2,3,4,6,7,8-HpCDD	304		(0.300	) [1]	92.9		(0.300	) [1]	4290	J	(1.50	) [1]	4390 J	(0.600) [1]
1,2,3,4,6,7,8-HpCDF	256		(0.200	) [1]	42.0		(0.200	) [1]	2150	J	(1.00	) [1]	1820	(0.400) [1]
1,2,3,4,7,8,9-HpCDF	39.6		(0.200	) [1]	5.20		(0.200	) [1]	300		(1.40	) [1]	253	(0.600) [1]
1,2,3,4,7,8-HxCDD	20.7	J	(0.300	) [1]	2.00	J	(0.200	) [1]	144	J	(1.40	) [1]	127 J	(0.600) [1]
1,2,3,4,7,8-HxCDF	104	J	(0.200	) [1]	13.2		(0.200	) [1]	767	J	(0.800	) [1]	656 J	(0.300) [1]
1,2,3,6,7,8-HxCDD	30.4		(0.200	) [1]	4.70	J	(0.200	) [1]	364		(1.30	) [1]	331	(0.500) [1]
1,2,3,6,7,8-HxCDF	37.8		(0.100	) [1]	5.00	J	(0.100	) [1]	315		(0.800	) [1]	267	(0.300) [1]
1,2,3,7,8,9-HxCDD	47.2		(0.200	) [1]	7.90		(0.200	) [1]	472	J	(1.30	) [1]	403 J	(0.500) [1]
1,2,3,7,8,9-HxCDF	6.40	J	(0.200	) [1]	1.10	J	(0.200	) [1]	40.3	J	(1.10	) [1]	33.8 J	(0.400) [1]
1,2,3,7,8-PeCDD	10.0		(0.200	) [1]	1.80	J	(0.100	) [1]	108		(0.900	) [1]	99.8	(0.400) [1]
1,2,3,7,8-PeCDF	18.7		(0.100	) [1]	2.60	J	(0.100	) [1]	169		(0.600	) [1]	152	(0.300) [1]
2,3,4,6,7,8-HxCDF	75.4		(0.200	) [1]	9.60		(0.200	) [1]	562		(1.00	) [1]	474	(0.400) [1]
2,3,4,7,8-PeCDF	36.0		(0.100	) [1]	4.00	J	(0.100	) [1]	302		(0.700	) [1]	264	(0.300) [1]
2,3,7,8-TCDD	1.50		(0.0900	) [1]	0.360	J	(0.100	) [1]	23.5		(0.600	) [1]	20.1	(0.300) [1]
2,3,7,8-TCDF	9.00		(1.00	) [1]	1.50		(0.700	) [1]	155		(1.90	) [1]	147	(0.900) [1]
Total HpCDD	587		(0.300	) [1]	170		(0.300	) [1]	8360	J	(1.50	) [1]	8530 J	(0.600) [1]
Total HpCDF	445		(0.200	) [1]	95.5		(0.200	) [1]	4480	J	(1.20	) [1]	3720	(0.500) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

		Site Id	TRND	TRND	TRND	TRND
		Location Id	TRND-SO03	TRND-SO03	TRND-SO04	TRND-SO04
		Sample Id	NA-TRND-SO03-01	NA-TRND-SO03-02	NA-TRND-SO04-31	NA-TRND-SO04-11 Dup of NA-TRND-SO04-31
		Log Date	15-MAR-98	15-MAR-98	10-MAR-98	10-MAR-98
Parameter		Beg. Depth - End Depth (in.)	0-3	3-12	0-3	0-3
SW8290 - Dioxins, cont. (ppt)						
Total HxCDD	450	(0.200) [1]	54.4	(0.200) [1]	4260	(1.30) [1]	3750	(0.500) [1]
Total HxCDF	476	(0.200) [1]	75.1	(0.200) [1]	4020	(0.900) [1]	3180	(0.400) [1]
Total PeCDD	202	(0.200) [1]	23.0	(0.100) [1]	1900	(0.900) [1]	1500	(0.400) [1]
Total PeCDF	423	(0.100) [1]	50.2	(0.100) [1]	3500	(0.700) [1]	2940	(0.300) [1]
Total TCDD	118	(0.0900) [1]	19.3	(0.100) [1]	1220	(0.600) [1]	997	(0.300) [1]
Total TCDF	263	(0.0600) [1]	36.9	(0.0700) [1]	3330 J	(0.500) [1]	3090 J	(0.200) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	TRND			TRND			TRND			TRND		
Location Id	TRND-SO04			TRND-SO05			TRND-SO06			TRND-SO07		
Sample Id	NA-TRND-SO04-02			NA-TRND-SO05-01			NA-TRND-SO06-01			NA-TRND-SO07-01		
Log Date	10-MAR-98			10-MAR-98			15-MAR-98			10-MAR-98		
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)																	
4,4'-DDD	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
4,4'-DDE	220	(0.230	) [5]	19.0	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
4,4'-DDT	320	(0.230	) [5]	11.0	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aldrin	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1016	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1221	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1232	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1242	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1248	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1254	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Aroclor-1260	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Dieldrin	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endosulfan I	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endosulfan II	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endosulfan sulfate	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endrin	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endrin aldehyde	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Endrin ketone	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Heptachlor	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Heptachlor epoxide	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
Methoxychlor	ND	(0.230	) [1]	ND	(0.300	) [1]	ND	UJ	(0.250	) [1]	ND	(0.300	) [1]
Toxaphene	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]
alpha-BHC	ND	(0.230	) [1]	ND	(0.300	) [1]	ND		(0.250	) [1]	ND	(0.300	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result	Qual	Detection Limit	Dilution Factor
	TRND	TRND-SO04	NA-TRND-SO04-02	10-MAR-98	3-12				
	TRND	TRND-SO05	NA-TRND-SO05-01	10-MAR-98	0-3				
	TRND	TRND-SO06	NA-TRND-SO06-01	15-MAR-98	0-3				
	TRND	TRND-SO07	NA-TRND-SO07-01	10-MAR-98	0-3				
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)									
alpha-Chlordane						ND		(0.230	) [1]
						ND		(0.300	) [1]
						ND		(0.250	) [1]
						ND		(0.300	) [1]
beta-BHC						ND		(0.230	) [1]
						ND		(0.300	) [1]
						ND		(0.250	) [1]
						ND		(0.300	) [1]
delta-BHC						ND		(0.230	) [1]
						ND		(0.300	) [1]
						ND		(0.250	) [1]
						ND		(0.300	) [1]
gamma-BHC(Lindane)						ND		(0.230	) [1]
						ND		(0.300	) [1]
						ND		(0.250	) [1]
						ND		(0.300	) [1]
gamma-Chlordane						ND		(0.230	) [1]
						ND		(0.300	) [1]
						ND		(0.250	) [1]
						ND		(0.300	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)									
1,2,4-Trichlorobenzene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
1,2-Dichlorobenzene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
1,3-Dichlorobenzene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
1,4-Dichlorobenzene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,2'-oxybis(1-chloropropane)						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4,5-Trichlorophenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4,6-Trichlorophenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4-Dichlorophenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4-Dimethylphenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4-Dinitrophenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,4-Dinitrotoluene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2,6-Dinitrotoluene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2-Chloronaphthalene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2-Chlorophenol						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2-Methylnaphthalene						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]
2-Nitroaniline						ND		(46.0	) [1]
						ND		(60.0	) [1]
						ND	UJ	(51.0	) [1]
						ND		(60.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id											
	Location Id	TRND			TRND			TRND			TRND	
	Sample Id	TRND-SO04			TRND-SO05			TRND-SO06			TRND-SO07	
	Log Date	NA-TRND-SO04-02			NA-TRND-SO05-01			NA-TRND-SO06-01			NA-TRND-SO07-01	
	Beg. Depth - End Depth (in.)	10-MAR-98			10-MAR-98			15-MAR-98			10-MAR-98	
		3-12			0-3			0-3			0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
3,3'-Dichlorobenzidine	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
3-Nitroaniline	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Bromophenyl-phenylether	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Chloro-3-methylphenol	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Chloroaniline	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Chlorophenyl-phenylether	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Nitroanaline	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
4-Nitrophenol	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Acenaphthene	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Acenaphthylene	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Anthracene	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Benzo(a)anthracene	110	(46.0	) [1]	130	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Benzo(a)pyrene	160	(46.0	) [1]	100	(60.0	) [1]	35.0 J	(13.0	) [1]	ND	(60.0	) [1]
Benzo(b)fluoranthene	220	(46.0	) [1]	110	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Benzo(g,h,i)perylene	120	(46.0	) [1]	ND	(60.0	) [1]	53.0 J	(51.0	) [1]	ND	(60.0	) [1]
Benzo(k)fluoranthene	67.0	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Butylbenzylphthalate	ND	(46.0	) [1]	71.0	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Carbazole	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Chrysene	110	(46.0	) [1]	120	(60.0	) [1]	51.0 J	(51.0	) [1]	ND	(60.0	) [1]
Dibenz(a,h)anthracene	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]
Dibenzofuran	ND	(46.0	) [1]	ND	(60.0	) [1]	ND UJ	(51.0	) [1]	ND	(60.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO04 NA-TRND-SO04-02 10-MAR-98 3-12				TRND TRND-SO05 NA-TRND-SO05-01 10-MAR-98 0-3				TRND TRND-SO06 NA-TRND-SO06-01 15-MAR-98 0-3				TRND TRND-SO07 NA-TRND-SO07-01 10-MAR-98 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Dimethylphthalate	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Fluoranthene	64.0		(46.0	) [1]	190		(60.0	) [1]	58.0	J	(51.0	) [1]	ND		(60.0	) [1]	
Fluorene	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Hexachloro-1,3-butadiene	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Hexachlorobenzene	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Hexachlorocyclopentadiene	ND		(46.0	) [1]	ND	UJ	(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Hexachloroethane	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND	UJ	(60.0	) [1]	
Indeno(1,2,3-cd)pyrene	120		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Isophorone	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
N-Nitroso-di-n-propylamine	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
N-Nitrosodiphenylamine	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Naphthalene	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Nitrobenzene	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Pentachlorophenol	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Phenanthrene	ND		(46.0	) [1]	210		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Phenol	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
Pyrene	71.0	J	(46.0	) [1]	370		(60.0	) [1]	76.0	J	(51.0	) [1]	ND		(60.0	) [1]	
bis(2-Chloroethoxy)methane	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
bis(2-Chloroethyl)ether	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	
bis(2-Ethylhexyl)phthalate	ND		(46.0	) [1]	380	J	(60.0	) [1]	370	J	(51.0	) [1]	180	J	(60.0	) [1]	
di-n-Butylphthalate	ND		(46.0	) [1]	220		(60.0	) [1]	200	J	(51.0	) [1]	98.0		(60.0	) [1]	
di-n-Octylphthalate	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)				
	TRND				TRND				TRND				TRND					
	TRND-SO04				TRND-SO05				TRND-SO06				TRND-SO07					
	NA-TRND-SO04-02				NA-TRND-SO05-01				NA-TRND-SO06-01				NA-TRND-SO07-01					
	10-MAR-98				10-MAR-98				15-MAR-98				10-MAR-98					
	3-12				0-3				0-3				0-3					
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																		
o-Cresol	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]		
p-Cresol	ND		(46.0	) [1]	ND		(60.0	) [1]	ND	UJ	(51.0	) [1]	ND		(60.0	) [1]		
SW8290 - Dioxins (ppt)																		
1,2,3,4,6,7,8,9-OCDD	5800	J	(0.900	) [1]	2970		(16.6	) [1]	2520		(0.500	) [1]	1050		(1.40	) [1]		
1,2,3,4,6,7,8,9-OCDF	334		(0.800	) [1]	1030		(13.4	) [1]	3960		(0.400	) [1]	475		(1.20	) [1]		
1,2,3,4,6,7,8-HpCDD	997		(0.700	) [1]	972		(9.10	) [1]	985		(0.400	) [1]	300		(0.800	) [1]		
1,2,3,4,6,7,8-HpCDF	291		(0.400	) [1]	938		(5.00	) [1]	2740	J	(0.200	) [1]	359		(0.500	) [1]		
1,2,3,4,7,8,9-HpCDF	21.4		(0.600	) [1]	140		(6.50	) [1]	857		(0.300	) [1]	84.8		(0.700	) [1]		
1,2,3,4,7,8-HxCDD	21.3	J	(0.500	) [1]	66.2		(8.60	) [1]	92.3		(0.400	) [1]	19.0	J	(0.700	) [1]		
1,2,3,4,7,8-HxCDF	75.1	J	(0.300	) [1]	439	J	(4.70	) [1]	1600		(0.300	) [1]	173	J	(0.400	) [1]		
1,2,3,6,7,8-HxCDD	65.5		(0.500	) [1]	108		(6.70	) [1]	125		(0.300	) [1]	35.2		(0.600	) [1]		
1,2,3,6,7,8-HxCDF	29.7		(0.300	) [1]	163		(3.80	) [1]	424		(0.200	) [1]	65.7		(0.400	) [1]		
1,2,3,7,8,9-HxCDD	78.4	J	(0.500	) [1]	141	J	(7.00	) [1]	176	J	(0.300	) [1]	53.0	J	(0.600	) [1]		
1,2,3,7,8,9-HxCDF	3.40	J	(0.400	) [1]	19.6	J	(5.50	) [1]	165		(0.300	) [1]	15.8	J	(0.500	) [1]		
1,2,3,7,8-PeCDD	19.1		(0.400	) [1]	44.1		(6.10	) [1]	53.2		(0.200	) [1]	13.9		(0.400	) [1]		
1,2,3,7,8-PeCDF	21.2		(0.300	) [1]	75.4		(3.60	) [1]	615		(0.200	) [1]	63.0		(0.300	) [1]		
2,3,4,6,7,8-HxCDF	48.0		(0.400	) [1]	282		(4.80	) [1]	494		(0.300	) [1]	106		(0.500	) [1]		
2,3,4,7,8-PeCDF	36.4		(0.300	) [1]	122		(3.70	) [1]	311		(0.200	) [1]	50.9		(0.300	) [1]		
2,3,7,8-TCDD	4.00		(0.300	) [1]	11.0		(3.20	) [1]	15.7		(0.200	) [1]	2.20		(0.300	) [1]		
2,3,7,8-TCDF	25.5		(0.300	) [1]	53.9		(3.40	) [1]	540		(0.600	) [1]	48.1		(1.00	) [1]		
Total HpCDD	2050		(0.700	) [1]	1930		(9.10	) [1]	1920		(0.400	) [1]	598		(0.800	) [1]		
Total HpCDF	696		(0.500	) [1]	1540		(5.70	) [1]	4760	J	(0.300	) [1]	635		(0.600	) [1]		

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) 3-12			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) 0-3	
		TRND TRND-SO04 NA-TRND-SO04-02 10-MAR-98			TRND TRND-SO05 NA-TRND-SO05-01 10-MAR-98			TRND TRND-SO06 NA-TRND-SO06-01 15-MAR-98			TRND TRND-SO07 NA-TRND-SO07-01 10-MAR-98	
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	697	(0.500	) [1]	1630	(7.40	) [1]	2130	(0.400	) [1]	511	(0.600	) [1]
Total HxCDF	488	(0.300	) [1]	1870	(4.60	) [1]	4320	(0.200	) [1]	711	(0.400	) [1]
Total PeCDD	253	(0.400	) [1]	984	(6.10	) [1]	1280	(0.200	) [1]	317	(0.400	) [1]
Total PeCDF	461	(0.300	) [1]	1520	(3.70	) [1]	3310	(0.200	) [1]	626	(0.300	) [1]
Total TCDD	152	(0.300	) [1]	724	(3.20	) [1]	1110	(0.200	) [1]	186	(0.300	) [1]
Total TCDF	522	(0.200	) [1]	1270	(2.30	) [1]	2210 J	(0.100	) [1]	465	(0.300	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO08				TRND-SO09				TRND-SO10				TRND-SO10	
	NA-TRND-SO08-01				NA-TRND-SO09-01				NA-TRND-SO10-01				NA-TRND-SO10-02	
	10-MAR-98				10-MAR-98				10-MAR-98				10-MAR-98	
	0-3				0-3				0-3				3-12	
OLM03.2 - Pesticides and PCBs (ug/kg)														
4,4'-DDD	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
4,4'-DDE	ND	(0.350	) [1]		3.00	(0.320	) [1]		14.0	(0.320	) [1]		26.0	(0.300) [1]
4,4'-DDT	ND	(0.350	) [1]		2.80	J (0.320	) [1]		22.0	(0.320	) [1]		29.0	(0.300) [1]
Aldrin	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1016	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1221	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1232	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1242	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1248	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1254	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Aroclor-1260	ND	(0.350	) [1]		ND	(0.320	) [1]		210	(0.320	) [1]		300	(0.300) [1]
Dieldrin	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endosulfan I	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endosulfan II	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endosulfan sulfate	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endrin	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endrin aldehyde	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Endrin ketone	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Heptachlor	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Heptachlor epoxide	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Methoxychlor	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
Toxaphene	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]
alpha-BHC	ND	(0.350	) [1]		ND	(0.320	) [1]		ND	(0.320	) [1]		ND	(0.300) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO08 NA-TRND-SO08-01 10-MAR-98 0-3			TRND TRND-SO09 NA-TRND-SO09-01 10-MAR-98 0-3			TRND TRND-SO10 NA-TRND-SO10-01 10-MAR-98 0-3			TRND TRND-SO10 NA-TRND-SO10-02 10-MAR-98 3-12		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.350	) [1]	ND	(0.320	) [1]	ND	(0.320	) [1]	ND	(0.300	) [1]
beta-BHC	ND	(0.350	) [1]	ND	(0.320	) [1]	ND	(0.320	) [1]	ND	(0.300	) [1]
delta-BHC	ND	(0.350	) [1]	ND	(0.320	) [1]	ND	(0.320	) [1]	ND	(0.300	) [1]
gamma-BHC(Lindane)	ND	(0.350	) [1]	ND	(0.320	) [1]	ND	(0.320	) [1]	ND	(0.300	) [1]
gamma-Chlordane	ND	(0.350	) [1]	ND	(0.320	) [1]	ND	(0.320	) [1]	ND	(0.300	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
1,2-Dichlorobenzene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
1,3-Dichlorobenzene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
1,4-Dichlorobenzene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4,5-Trichlorophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4,6-Trichlorophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4-Dichlorophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4-Dimethylphenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4-Dinitrophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,4-Dinitrotoluene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2,6-Dinitrotoluene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2-Chloronaphthalene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2-Chlorophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2-Methylnaphthalene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]
2-Nitroaniline	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id			Location Id			Sample Id			Log Date			Beg. Depth - End Depth (in.)		
	TRND			TRND			TRND			TRND			TRND		
	TRND-SO08			TRND-SO09			TRND-SO10			TRND-SO10			TRND-SO10		
	NA-TRND-SO08-01			NA-TRND-SO09-01			NA-TRND-SO10-01			NA-TRND-SO10-02			NA-TRND-SO10-02		
	10-MAR-98			10-MAR-98			10-MAR-98			10-MAR-98			10-MAR-98		
	0-3			0-3			0-3			3-12			3-12		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)															
2-Nitrophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
3,3'-Dichlorobenzidine	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
3-Nitroaniline	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Bromophenyl-phenylether	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Chloro-3-methylphenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Chloroaniline	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Chlorophenyl-phenylether	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Nitroanaline	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
4-Nitrophenol	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Acenaphthene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Acenaphthylene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Anthracene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Benzo(a)anthracene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Benzo(a)pyrene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Benzo(b)fluoranthene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Benzo(g,h,i)perylene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Benzo(k)fluoranthene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Butylbenzylphthalate	110	(69.0	) [1]	ND	(64.0	) [1]	110	(63.0	) [1]	71.0	(60.0	) [1]	ND	(60.0	) [1]
Carbazole	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Chrysene	ND	(69.0	) [1]	ND	(64.0	) [1]	87.0	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Dibenz(a,h)anthracene	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]
Dibenzofuran	ND	(69.0	) [1]	ND	(64.0	) [1]	ND	(63.0	) [1]	ND	(60.0	) [1]	ND	(60.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO08				TRND-SO09				TRND-SO10				TRND-SO10	
	NA-TRND-SO08-01				NA-TRND-SO09-01				NA-TRND-SO10-01				NA-TRND-SO10-02	
	10-MAR-98				10-MAR-98				10-MAR-98				10-MAR-98	
	0-3				0-3				0-3				3-12	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
Diethylphthalate	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Dimethylphthalate	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Fluoranthene	73.0		(69.0	) [1]	ND		(64.0	) [1]	91.0		(63.0	) [1]	ND	(60.0) [1]
Fluorene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Hexachloro-1,3-butadiene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Hexachlorobenzene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Hexachlorocyclopentadiene	ND	UJ	(69.0	) [1]	ND	UJ	(64.0	) [1]	ND	UJ	(63.0	) [1]	ND	UJ (60.0) [1]
Hexachloroethane	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Indeno(1,2,3-cd)pyrene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Isophorone	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
N-Nitroso-di-n-propylamine	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
N-Nitrosodiphenylamine	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Naphthalene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Nitrobenzene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Pentachlorophenol	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Phenanthrene	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Phenol	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
Pyrene	ND		(69.0	) [1]	65.0		(64.0	) [1]	110		(63.0	) [1]	61.0	(60.0) [1]
bis(2-Chloroethoxy)methane	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
bis(2-Chloroethyl)ether	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]
bis(2-Ethylhexyl)phthalate	390	J	(69.0	) [1]	320	J	(64.0	) [1]	730		(63.0	) [1]	300	J (60.0) [1]
di-n-Butylphthalate	190		(69.0	) [1]	150		(64.0	) [1]	300		(63.0	) [1]	250	(60.0) [1]
di-n-Octylphthalate	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND	(60.0) [1]

Compiled: 07/01

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO08				TRND-SO09				TRND-SO10				TRND-SO10			
Sample Id	NA-TRND-SO08-01				NA-TRND-SO09-01				NA-TRND-SO10-01				NA-TRND-SO10-02			
Log Date	10-MAR-98				10-MAR-98				10-MAR-98				10-MAR-98			
Beg. Depth - End Depth (in.)	0-3				0-3				0-3				3-12			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND		(60.0	) [1]
p-Cresol	ND		(69.0	) [1]	ND		(64.0	) [1]	ND		(63.0	) [1]	ND		(60.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	4300	J	(2.60	) [1]	4180	J	(0.600	) [1]	3150		(2.40	) [1]	1320		(0.600	) [1]
1,2,3,4,6,7,8,9-OCDF	998		(2.10	) [1]	955		(0.500	) [1]	1060		(2.00	) [1]	271		(0.500	) [1]
1,2,3,4,6,7,8-HpCDD	1380		(1.70	) [1]	1340		(0.400	) [1]	822		(1.60	) [1]	228		(0.400	) [1]
1,2,3,4,6,7,8-HpCDF	1150		(1.00	) [1]	1110		(0.200	) [1]	868		(0.900	) [1]	207		(0.300	) [1]
1,2,3,4,7,8,9-HpCDF	209		(1.40	) [1]	198		(0.300	) [1]	187		(1.30	) [1]	48.2		(0.400	) [1]
1,2,3,4,7,8-HxCDD	73.6	J	(1.30	) [1]	74.7	J	(0.300	) [1]	43.7	J	(1.10	) [1]	10.1	J	(0.300	) [1]
1,2,3,4,7,8-HxCDF	489	J	(0.700	) [1]	487	J	(0.200	) [1]	371	J	(0.600	) [1]	91.9	J	(0.200	) [1]
1,2,3,6,7,8-HxCDD	137		(1.20	) [1]	135		(0.300	) [1]	78.9		(1.00	) [1]	21.2		(0.300	) [1]
1,2,3,6,7,8-HxCDF	215		(0.700	) [1]	209		(0.200	) [1]	148		(0.600	) [1]	34.5		(0.200	) [1]
1,2,3,7,8,9-HxCDD	203	J	(1.20	) [1]	196	J	(0.300	) [1]	116	J	(1.00	) [1]	28.1	J	(0.300	) [1]
1,2,3,7,8,9-HxCDF	32.2	J	(0.900	) [1]	27.4	J	(0.300	) [1]	29.8	J	(0.800	) [1]	7.30	J	(0.200	) [1]
1,2,3,7,8-PeCDD	48.1		(0.900	) [1]	71.1		(0.400	) [1]	34.5		(0.800	) [1]	7.70		(0.200	) [1]
1,2,3,7,8-PeCDF	114		(0.600	) [1]	103		(0.200	) [1]	110		(0.500	) [1]	26.9		(0.200	) [1]
2,3,4,6,7,8-HxCDF	377		(0.800	) [1]	387		(0.200	) [1]	248		(0.700	) [1]	56.7		(0.200	) [1]
2,3,4,7,8-PeCDF	169		(0.600	) [1]	175		(0.200	) [1]	119		(0.500	) [1]	27.4		(0.200	) [1]
2,3,7,8-TCDD	6.00		(0.500	) [1]	7.40		(0.200	) [1]	5.60		(0.400	) [1]	1.40		(0.200	) [1]
2,3,7,8-TCDF	67.5		(1.40	) [1]	69.0		(5.90	) [1]	69.1		(1.30	) [1]	19.8		(2.80	) [1]
Total HpCDD	2760		(1.70	) [1]	2640		(0.400	) [1]	1630		(1.60	) [1]	431		(0.400	) [1]
Total HpCDF	1980		(1.10	) [1]	1880		(0.300	) [1]	1560		(1.00	) [1]	378		(0.300	) [1]

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
		TRND TRND-SO08 NA-TRND-SO08-01 10-MAR-98 0-3			TRND TRND-SO09 NA-TRND-SO09-01 10-MAR-98 0-3			TRND TRND-SO10 NA-TRND-SO10-01 10-MAR-98 0-3			TRND TRND-SO10 NA-TRND-SO10-02 10-MAR-98 3-12		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	1950	(1.20	) [1]	1910	(0.300	) [1]	1190	(1.00	) [1]	276	(0.300	) [1]
Total HxCDF	2260	(0.800	) [1]	2240	(0.200	) [1]	1630	(0.600	) [1]	382	(0.200	) [1]
Total PeCDD	1010	(0.900	) [1]	1370	(0.400	) [1]	774	(0.800	) [1]	90.7	(0.200	) [1]
Total PeCDF	2070	(0.600	) [1]	2050	(0.200	) [1]	1450	(0.500	) [1]	313	(0.200	) [1]
Total TCDD	407	(0.500	) [1]	512	(0.200	) [1]	442	(0.400	) [1]	110	(0.200	) [1]
Total TCDF	1210	(0.400	) [1]	673	(0.100	) [1]	732	(0.300	) [1]	179	(0.200	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)											
	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3		TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3		TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3		TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	
OLM03.2 - Pesticides and PCBs (ug/kg)																								
4,4'-DDD	18.0	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
4,4'-DDE	76.0	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	6.00		(0.310	) [1]
4,4'-DDT	200	(0.970	) [4]	ND		(0.340	) [1]	ND		(0.330	) [1]	5.60	J	(0.310	) [1]
Aldrin	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1016	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1221	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1232	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1242	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1248	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1254	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Aroclor-1260	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Dieldrin	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endosulfan I	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endosulfan II	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endosulfan sulfate	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endrin	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endrin aldehyde	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Endrin ketone	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Heptachlor	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Heptachlor epoxide	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
Methoxychlor	ND	(0.240	) [1]	ND	UJ	(0.340	) [1]	ND	UJ	(0.330	) [1]	ND	UJ	(0.310	) [1]
Toxaphene	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]
alpha-BHC	ND	(0.240	) [1]	ND		(0.340	) [1]	ND		(0.330	) [1]	ND		(0.310	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO11 NA-TRND-SO11-01 10-MAR-98 0-3				TRND TRND-SO12 NA-TRND-SO12-01 10-MAR-98 0-3				TRND TRND-SO12 NA-TRND-SO12-11 Dup of NA-TRND-SO12-01 15-MAR-98 0-3				TRND TRND-SO13 NA-TRND-SO13-01 15-MAR-98 0-3			
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)																	
alpha-Chlordane	ND	(0.240	) [1]		ND	(0.340	) [1]		ND	(0.330	) [1]		ND	(0.310	) [1]	
beta-BHC	ND	(0.240	) [1]		ND	(0.340	) [1]		ND	(0.330	) [1]		ND	(0.310	) [1]	
delta-BHC	ND	(0.240	) [1]		ND	(0.340	) [1]		ND	(0.330	) [1]		ND	(0.310	) [1]	
gamma-BHC(Lindane)	ND	(0.240	) [1]		ND	(0.340	) [1]		ND	(0.330	) [1]		ND	(0.310	) [1]	
gamma-Chlordane	ND	(0.240	) [1]		ND	(0.340	) [1]		ND	(0.330	) [1]		ND	(0.310	) [1]	
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)																	
1,2,4-Trichlorobenzene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
1,2-Dichlorobenzene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
1,3-Dichlorobenzene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
1,4-Dichlorobenzene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4,5-Trichlorophenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4,6-Trichlorophenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4-Dichlorophenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4-Dimethylphenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4-Dinitrophenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,4-Dinitrotoluene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2,6-Dinitrotoluene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2-Chloronaphthalene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2-Chlorophenol	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2-Methylnaphthalene	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
2-Nitroaniline	ND	(48.0	) [1]		ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]

Compiled: 07/01/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result	Qual	(	)	[]
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)										
2-Nitrophenol	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
3,3'-Dichlorobenzidine	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
3-Nitroaniline	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4,6-Dinitro-2-methylphenol	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Bromophenyl-phenylether	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Chloro-3-methylphenol	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Chloroaniline	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Chlorophenyl-phenylether	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Nitroanaline	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
4-Nitrophenol	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Acenaphthene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Acenaphthylene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Anthracene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Benzo(a)anthracene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Benzo(a)pyrene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	18.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	18.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	78.0	J	16.0		[1]
Benzo(b)fluoranthene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	110	J	62.0		[1]
Benzo(g,h,i)perylene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	72.0	J	62.0		[1]
Benzo(k)fluoranthene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Butylbenzylphthalate	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	91.0	J	62.0		[1]
Carbazole	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Chrysene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	83.0	J	62.0		[1]
Dibenz(a,h)anthracene	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]
Dibenzofuran	TRND	TRND-SO11	NA-TRND-SO11-01	10-MAR-98	0-3	ND		48.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-01	10-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO12	NA-TRND-SO12-11 Dup of NA-TRND-SO12-01	15-MAR-98	0-3	ND	UJ	67.0		[1]
	TRND	TRND-SO13	NA-TRND-SO13-01	15-MAR-98	0-3	ND	UJ	62.0		[1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO11				TRND-SO12				TRND-SO12				TRND-SO13	
	NA-TRND-SO11-01				NA-TRND-SO12-01				NA-TRND-SO12-11 Dup of NA-TRND-SO12-01				NA-TRND-SO13-01	
	10-MAR-98				10-MAR-98				15-MAR-98				15-MAR-98	
	0-3				0-3				0-3				0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)														
Diethylphthalate	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Dimethylphthalate	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Fluoranthene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	100 J	(62.0) [1]
Fluorene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Hexachloro-1,3-butadiene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Hexachlorobenzene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Hexachlorocyclopentadiene	ND	UJ	(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Hexachloroethane	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Indeno(1,2,3-cd)pyrene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Isophorone	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	62.0 J	(62.0) [1]
N-Nitroso-di-n-propylamine	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
N-Nitrosodiphenylamine	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Naphthalene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Nitrobenzene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Pentachlorophenol	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Phenanthrene	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Phenol	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
Pyrene	50.0		(48.0	) [1]	76.0	J	(67.0	) [1]	ND	UJ	(67.0	) [1]	140 J	(62.0) [1]
bis(2-Chloroethoxy)methane	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
bis(2-Chloroethyl)ether	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]
bis(2-Ethylhexyl)phthalate	76.0	J	(48.0	) [1]	240	J	(67.0	) [1]	220	J	(67.0	) [1]	270 J	(62.0) [1]
di-n-Butylphthalate	ND		(48.0	) [1]	180	J	(67.0	) [1]	490	J	(67.0	) [1]	490 J	(62.0) [1]
di-n-Octylphthalate	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND UJ	(62.0) [1]

Compiled: 07/01[redacted]

(= Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO11 NA-TRND-SO11-01 10-MAR-98 0-3				TRND TRND-SO12 NA-TRND-SO12-01 10-MAR-98 0-3				TRND TRND-SO12 NA-TRND-SO12-11 Dup of NA-TRND-SO12-01 15-MAR-98 0-3				TRND TRND-SO13 NA-TRND-SO13-01 15-MAR-98 0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
o-Cresol	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
p-Cresol	ND		(48.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(67.0	) [1]	ND	UJ	(62.0	) [1]
SW8290 - Dioxins (ppt)																	
1,2,3,4,6,7,8,9-OCDD	334		(3.40	) [1]	1500		(0.500	) [1]	1320		(0.500	) [1]	1300		(1.70	) [1]
1,2,3,4,6,7,8,9-OCDF	113		(2.80	) [1]	266		(0.400	) [1]	214		(0.400	) [1]	211		(1.20	) [1]
1,2,3,4,6,7,8-HpCDD	71.4		(2.10	) [1]	349		(0.400	) [1]	317		(0.400	) [1]	314		(0.700	) [1]
1,2,3,4,6,7,8-HpCDF	82.9		(1.20	) [1]	279		(0.300	) [1]	287		(0.300	) [1]	256		(0.400	) [1]
1,2,3,4,7,8,9-HpCDF	18.0		(1.70	) [1]	53.2		(0.400	) [1]	55.2		(0.400	) [1]	34.8		(0.500	) [1]
1,2,3,4,7,8-HxCDD	2.80	J	(1.40	) [1]	22.7		(0.400	) [1]	21.5		(0.400	) [1]	14.2		(0.400	) [1]
1,2,3,4,7,8-HxCDF	24.5	J	(0.800	) [1]	161		(0.300	) [1]	147		(0.300	) [1]	102		(0.200	) [1]
1,2,3,6,7,8-HxCDD	6.70		(1.30	) [1]	37.2		(0.300	) [1]	32.0		(0.300	) [1]	29.8		(0.400	) [1]
1,2,3,6,7,8-HxCDF	10.2		(0.800	) [1]	59.4		(0.200	) [1]	55.2		(0.200	) [1]	43.0		(0.200	) [1]
1,2,3,7,8,9-HxCDD	10.5	J	(1.30	) [1]	59.4	J	(0.300	) [1]	53.2	J	(0.300	) [1]	45.5	J	(0.400	) [1]
1,2,3,7,8,9-HxCDF	2.40	J	(1.00	) [1]	9.80	J	(0.300	) [1]	8.90	J	(0.300	) [1]	5.60	J	(0.300	) [1]
1,2,3,7,8-PeCDD	2.10	J	(0.900	) [1]	13.9		(0.300	) [1]	12.9		(0.300	) [1]	11.9		(0.200	) [1]
1,2,3,7,8-PeCDF	3.10	J	(0.600	) [1]	34.3		(0.200	) [1]	29.1		(0.200	) [1]	23.5		(0.100	) [1]
2,3,4,6,7,8-HxCDF	30.4		(0.900	) [1]	113		(0.300	) [1]	108		(0.300	) [1]	87.4		(0.300	) [1]
2,3,4,7,8-PeCDF	7.10		(0.700	) [1]	48.0		(0.200	) [1]	43.8		(0.200	) [1]	36.3		(0.100	) [1]
2,3,7,8-TCDD	ND		(0.500	) [1]	2.30		(0.200	) [1]	2.20		(0.200	) [1]	2.20		(0.100	) [1]
2,3,7,8-TCDF	1.90		(0.300	) [1]	20.3		(0.300	) [1]	21.9		(1.20	) [1]	15.6		(1.30	) [1]
Total HpCDD	142		(2.10	) [1]	672		(0.400	) [1]	628		(0.400	) [1]	630		(0.700	) [1]
Total HpCDF	181		(1.40	) [1]	486		(0.300	) [1]	508		(0.300	) [1]	418		(0.500	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TRND Location Id: TRND-SO11 Sample Id: NA-TRND-SO11-01 Log Date: 10-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TRND Location Id: TRND-SO12 Sample Id: NA-TRND-SO12-01 Log Date: 10-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TRND Location Id: TRND-SO12 Sample Id: NA-TRND-SO12-11 Dup of NA-TRND-SO12-01 Log Date: 15-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TRND Location Id: TRND-SO13 Sample Id: NA-TRND-SO13-01 Log Date: 15-MAR-98 Beg. Depth - End Depth (in.): 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	90.0	(1.30	) [1]	496	(0.300	) [1]	445	(0.400	) [1]	448	(0.400	) [1]
Total HxCDF	148	(0.900	) [1]	686	(0.300	) [1]	641	(0.300	) [1]	509	(0.200	) [1]
Total PeCDD	34.0	(0.900	) [1]	238	(0.300	) [1]	214	(0.300	) [1]	228	(0.200	) [1]
Total PeCDF	92.7	(0.600	) [1]	544	(0.200	) [1]	471	(0.200	) [1]	426	(0.100	) [1]
Total TCDD	18.3	(0.500	) [1]	152	(0.200	) [1]	146	(0.200	) [1]	163	(0.100	) [1]
Total TCDF	52.5	(0.400	) [1]	312	(0.100	) [1]	282	(0.100	) [1]	258	(0.0700	) [1]
TOC (mg/kg)													
Total Organic Carbon	NA			178000 K	(10100	) [1]	126000 K	(6630	) [1]	139000 K	(9290	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id			Location Id			Sample Id			Log Date			Beg. Depth - End Depth (in.)		
	TRND			TRND			TRND			TRND					
	TRND-SO14			TRND-SO15			TRND-SO15			TRND-SO15					
	NA-TRND-SO14-01			NA-TRND-SO15-01			NA-TRND-SO15-02			NA-TRND-SO15-12 Dup of NA-TRND-SO15-02					
	15-MAR-98			15-MAR-98			15-MAR-98			15-MAR-98					
	0-3			0-3			3-12			3-12					
OLM03.2 - Pesticides and PCBs (ug/kg)															
4,4'-DDD	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
4,4'-DDE	73.0		(0.310) [1]	4.00		(0.290) [1]	0.730		(0.290) [1]	0.860	J	(0.300) [1]			
4,4'-DDT	74.0		(0.310) [1]	ND	UJ	(0.290) [1]	1.00		(0.290) [1]	1.20		(0.300) [1]			
Aldrin	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1016	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1221	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1232	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1242	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1248	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1254	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Aroclor-1260	ND		(0.310) [1]	ND		(0.290) [1]	28.0	J	(0.290) [1]	35.0	J	(0.300) [1]			
Dieldrin	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endosulfan I	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endosulfan II	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endosulfan sulfate	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endrin	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endrin aldehyde	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Endrin ketone	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Heptachlor	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Heptachlor epoxide	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Methoxychlor	ND	UJ	(0.310) [1]	ND	UJ	(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
Toxaphene	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			
alpha-BHC	ND		(0.310) [1]	ND		(0.290) [1]	ND		(0.290) [1]	ND		(0.300) [1]			

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)								
	TRND				TRND				TRND				TRND									
	TRND-SO14				TRND-SO15				TRND-SO15				TRND-SO15									
	NA-TRND-SO14-01				NA-TRND-SO15-01				NA-TRND-SO15-02				NA-TRND-SO15-12 Dup of NA-TRND-SO15-02									
	15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98									
	0-3				0-3				3-12				3-12									
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)																						
alpha-Chlordane	ND		(0.310	) [1]	ND		(0.290	) [1]	ND		(0.290	) [1]	ND		(0.300	) [1]						
beta-BHC	ND		(0.310	) [1]	ND		(0.290	) [1]	ND		(0.290	) [1]	ND		(0.300	) [1]						
delta-BHC	ND		(0.310	) [1]	ND		(0.290	) [1]	ND		(0.290	) [1]	ND		(0.300	) [1]						
gamma-BHC(Lindane)	ND		(0.310	) [1]	ND		(0.290	) [1]	ND		(0.290	) [1]	ND		(0.300	) [1]						
gamma-Chlordane	ND		(0.310	) [1]	ND		(0.290	) [1]	ND		(0.290	) [1]	ND		(0.300	) [1]						
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)																						
1,2,4-Trichlorobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
1,2-Dichlorobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
1,3-Dichlorobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
1,4-Dichlorobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,2'-oxybis(1-chloropropane)	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4,5-Trichlorophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4,6-Trichlorophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4-Dichlorophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4-Dimethylphenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4-Dinitrophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,4-Dinitrotoluene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2,6-Dinitrotoluene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2-Chloronaphthalene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2-Chlorophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2-Methylnaphthalene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						
2-Nitroaniline	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]						

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND	TRND	TRND	TRND
	TRND-SO14	TRND-SO15	TRND-SO15	TRND-SO15	TRND-SO15
	NA-TRND-SO14-01	NA-TRND-SO15-01	NA-TRND-SO15-02	NA-TRND-SO15-12 Dup of NA-TRND-SO15-02	
	15-MAR-98	15-MAR-98	15-MAR-98	15-MAR-98	
	0-3	0-3	3-12	3-12	

Parameter																
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
2-Nitrophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
3,3'-Dichlorobenzidine	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
3-Nitroaniline	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4,6-Dinitro-2-methylphenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Bromophenyl-phenylether	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Chloro-3-methylphenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Chloroaniline	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Chlorophenyl-phenylether	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Nitroanaline	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
4-Nitrophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Acenaphthene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Acenaphthylene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Anthracene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Benzo(a)anthracene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Benzo(a)pyrene	ND	UJ	(16.0	) [1]	ND	UJ	(15.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Benzo(b)fluoranthene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Benzo(g,h,i)perylene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Benzo(k)fluoranthene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Butylbenzylphthalate	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Carbazole	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Chrysene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Dibenz(a,h)anthracene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]
Dibenzofuran	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	TRND				TRND				TRND				TRND				
Location Id	TRND-SO14				TRND-SO15				TRND-SO15				TRND-SO15				
Sample Id	NA-TRND-SO14-01				NA-TRND-SO15-01				NA-TRND-SO15-02				NA-TRND-SO15-12 Dup of NA-TRND-SO15-02				
Log Date	15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98				
Beg. Depth - End Depth (in.)	0-3				0-3				3-12				3-12				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
Diethylphthalate	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Dimethylphthalate	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Fluoranthene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Fluorene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Hexachloro-1,3-butadiene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Hexachlorobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Hexachlorocyclopentadiene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Hexachloroethane	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Indeno(1,2,3-cd)pyrene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Isophorone	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
N-Nitroso-di-n-propylamine	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
N-Nitrosodiphenylamine	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Naphthalene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Nitrobenzene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Pentachlorophenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Phenanthrene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Phenol	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
Pyrene	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
bis(2-Chloroethoxy)methane	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
bis(2-Chloroethyl)ether	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	
bis(2-Ethylhexyl)phthalate	190	J	(62.0	) [1]	670	J	(58.0	) [1]	88.0		(58.0	) [1]	ND		(60.0	) [1]	
di-n-Butylphthalate	700	J	(62.0	) [1]	170	J	(58.0	) [1]	640		(58.0	) [1]	460		(60.0	) [1]	
di-n-Octylphthalate	ND	UJ	(62.0	) [1]	ND	UJ	(58.0	) [1]	ND		(58.0	) [1]	ND		(60.0	) [1]	

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO14 NA-TRND-SO14-01 15-MAR-98 0-3					TRND TRND-SO15 NA-TRND-SO15-01 15-MAR-98 0-3					TRND TRND-SO15 NA-TRND-SO15-02 15-MAR-98 3-12					TRND TRND-SO15 NA-TRND-SO15-12 Dup of NA-TRND-SO15-02 15-MAR-98 3-12				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																				
o-Cresol	ND	UJ	(62.0	) [1]		ND	UJ	(58.0	) [1]		ND		(58.0	) [1]		ND		(60.0	) [1]	
p-Cresol	ND	UJ	(62.0	) [1]		ND	UJ	(58.0	) [1]		ND		(58.0	) [1]		ND		(60.0	) [1]	
SW8290 - Dioxins (ppt)																				
1,2,3,4,6,7,8,9-OCDD	774		(0.600	) [1]		1090		(0.600	) [1]		158		(0.600	) [1]		137		(2.80	) [1]	
1,2,3,4,6,7,8,9-OCDF	63.4		(0.500	) [1]		136		(0.500	) [1]		11.5		(0.400	) [1]		10.1		(2.20	) [1]	
1,2,3,4,6,7,8-HpCDD	111		(0.400	) [1]		142		(0.500	) [1]		16.5		(0.400	) [1]		14.8		(1.50	) [1]	
1,2,3,4,6,7,8-HpCDF	60.3		(0.300	) [1]		107		(0.300	) [1]		9.90		(0.300	) [1]		8.00		(0.900	) [1]	
1,2,3,4,7,8,9-HpCDF	9.50		(0.400	) [1]		13.9		(0.400	) [1]		0.900	J	(0.400	) [1]		ND		(1.20	) [1]	
1,2,3,4,7,8-HxCDD	4.10	J	(0.500	) [1]		8.50		(0.500	) [1]		0.640	J	(0.400	) [1]		2.00	J	(1.00	) [1]	
1,2,3,4,7,8-HxCDF	23.4		(0.300	) [1]		66.8		(0.300	) [1]		4.40	J	(0.200	) [1]		4.70	J	(0.600	) [1]	
1,2,3,6,7,8-HxCDD	8.30		(0.400	) [1]		13.5		(0.400	) [1]		1.90	J	(0.300	) [1]		ND		(0.800	) [1]	
1,2,3,6,7,8-HxCDF	10.1		(0.200	) [1]		25.2		(0.300	) [1]		1.80	J	(0.200	) [1]		1.60	J	(0.500	) [1]	
1,2,3,7,8,9-HxCDD	13.5		(0.400	) [1]		20.0		(0.400	) [1]		4.80	J	(0.300	) [1]		4.00	J	(0.800	) [1]	
1,2,3,7,8,9-HxCDF	1.60	J	(0.400	) [1]		2.60	J	(0.400	) [1]		ND		(0.300	) [1]		ND		(0.700	) [1]	
1,2,3,7,8-PeCDD	3.00	J	(0.300	) [1]		6.10		(0.300	) [1]		1.20	J	(0.300	) [1]		1.20	J	(0.500	) [1]	
1,2,3,7,8-PeCDF	3.80	J	(0.200	) [1]		17.1		(0.200	) [1]		1.40	J	(0.200	) [1]		1.30	J	(0.400	) [1]	
2,3,4,6,7,8-HxCDF	22.2		(0.300	) [1]		48.5		(0.300	) [1]		2.50	J	(0.300	) [1]		2.50	J	(0.700	) [1]	
2,3,4,7,8-PeCDF	7.80		(0.200	) [1]		25.8		(0.200	) [1]		2.20	J	(0.200	) [1]		1.90	J	(0.400	) [1]	
2,3,7,8-TCDD	0.500	J	(0.200	) [1]		1.20		(0.200	) [1]		0.200	J	(0.200	) [1]		ND		(0.300	) [1]	
2,3,7,8-TCDF	2.90		(1.40	) [1]		14.6		(1.40	) [1]		1.40		(0.300	) [1]		1.20		(0.300	) [1]	
Total HpCDD	201		(0.400	) [1]		290		(0.500	) [1]		34.4		(0.400	) [1]		31.9		(1.50	) [1]	
Total HpCDF	123		(0.300	) [1]		201		(0.400	) [1]		16.9		(0.400	) [1]		13.2		(1.00	) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) TRND TRND-SO14 NA-TRND-SO14-01 15-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) TRND TRND-SO15 NA-TRND-SO15-01 15-MAR-98 0-3			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) TRND TRND-SO15 NA-TRND-SO15-02 15-MAR-98 3-12			Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.) TRND TRND-SO15 NA-TRND-SO15-12 Dup of NA-TRND-SO15-02 15-MAR-98 3-12	
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	100	(0.400	) [1]	202	(0.400	) [1]	25.9	(0.300	) [1]	23.3	(0.900	) [1]
Total HxCDF	134	(0.300	) [1]	320	(0.300	) [1]	20.0	(0.300	) [1]	17.8	(0.600	) [1]
Total PeCDD	39.6	(0.300	) [1]	125	(0.300	) [1]	5.60	(0.300	) [1]	4.50	(0.500	) [1]
Total PeCDF	100	(0.200	) [1]	370	(0.200	) [1]	24.7	(0.200	) [1]	24.8	(0.400	) [1]
Total TCDD	29.3	(0.200	) [1]	126	(0.200	) [1]	7.90	(0.200	) [1]	6.50	(0.300	) [1]
Total TCDF	56.7	(0.100	) [1]	331	(0.100	) [1]	28.2	(0.100	) [1]	29.5	(0.200	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)											
	TRND	TRND-SO16	NA-TRND-SO16-01	15-MAR-98	0-3			TRND	TRND-SO17	NA-TRND-SO17-01	17-MAR-98	0-3			TRND	TRND-SO18	NA-TRND-SO18-01	17-MAR-98	0-3			TRND	TRND-SO19	NA-TRND-SO19-01	17-MAR-98	0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)																												
4,4'-DDD	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
4,4'-DDE	1.70		(0.300	) [1]				ND		(0.240	) [1]				1.10		(0.270	) [1]				25.0		(0.280	) [1]			
4,4'-DDT	ND		(0.300	) [1]				0.840	J	(0.240	) [1]				2.20	J	(0.270	) [1]				17.0	J	(0.280	) [1]			
Aldrin	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1016	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1221	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1232	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1242	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1248	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1254	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Aroclor-1260	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Dieldrin	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endosulfan I	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endosulfan II	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endosulfan sulfate	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endrin	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endrin aldehyde	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Endrin ketone	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Heptachlor	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Heptachlor epoxide	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
Methoxychlor	ND	UJ	(0.300	) [1]				ND	UJ	(0.240	) [1]				ND	UJ	(0.270	) [1]				ND	UJ	(0.280	) [1]			
Toxaphene	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			
alpha-BHC	ND		(0.300	) [1]				ND		(0.240	) [1]				ND		(0.270	) [1]				ND		(0.280	) [1]			

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO16 NA-TRND-SO16-01 15-MAR-98 0-3			TRND TRND-SO17 NA-TRND-SO17-01 17-MAR-98 0-3			TRND TRND-SO18 NA-TRND-SO18-01 17-MAR-98 0-3			TRND TRND-SO19 NA-TRND-SO19-01 17-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.300	) [1]	ND	(0.240	) [1]	ND	(0.270	) [1]	ND	(0.280	) [1]
beta-BHC	ND	(0.300	) [1]	ND	(0.240	) [1]	ND	(0.270	) [1]	ND	(0.280	) [1]
delta-BHC	ND	(0.300	) [1]	ND	(0.240	) [1]	ND	(0.270	) [1]	ND	(0.280	) [1]
gamma-BHC(Lindane)	ND	(0.300	) [1]	ND	(0.240	) [1]	ND	(0.270	) [1]	ND	(0.280	) [1]
gamma-Chlordane	ND	(0.300	) [1]	ND	(0.240	) [1]	ND	(0.270	) [1]	ND	(0.280	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
1,2-Dichlorobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
1,3-Dichlorobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
1,4-Dichlorobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4,5-Trichlorophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4,6-Trichlorophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4-Dichlorophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4-Dimethylphenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4-Dinitrophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,4-Dinitrotoluene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2,6-Dinitrotoluene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2-Chloronaphthalene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2-Chlorophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2-Methylnaphthalene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
2-Nitroaniline	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND-SO16	NA-TRND-SO16-01	15-MAR-98	0-3
	TRND	TRND-SO17	NA-TRND-SO17-01	17-MAR-98	0-3
	TRND	TRND-SO18	NA-TRND-SO18-01	17-MAR-98	0-3
	TRND	TRND-SO19	NA-TRND-SO19-01	17-MAR-98	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
2-Nitrophenol	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
3,3'-Dichlorobenzidine	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
3-Nitroaniline	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4,6-Dinitro-2-methylphenol	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Bromophenyl-phenylether	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Chloro-3-methylphenol	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Chloroaniline	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Chlorophenyl-phenylether	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Nitroanaline	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
4-Nitrophenol	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Acenaphthene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Acenaphthylene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Anthracene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Benzo(a)anthracene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Benzo(a)pyrene	ND	(61.0) [1]	ND	(48.0) [1]	76.0	(54.0) [1]	ND	(56.0) [1]
Benzo(b)fluoranthene	ND	(61.0) [1]	ND	(48.0) [1]	83.0	(54.0) [1]	ND	(56.0) [1]
Benzo(g,h,i)perylene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Benzo(k)fluoranthene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Butylbenzylphthalate	69.0	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Carbazole	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Chrysene	ND	(61.0) [1]	ND	(48.0) [1]	70.0	(54.0) [1]	ND	(56.0) [1]
Dibenz(a,h)anthracene	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]
Dibenzofuran	ND	(61.0) [1]	ND	(48.0) [1]	ND	(54.0) [1]	ND	(56.0) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO16 NA-TRND-SO16-01 15-MAR-98 0-3			TRND TRND-SO17 NA-TRND-SO17-01 17-MAR-98 0-3			TRND TRND-SO18 NA-TRND-SO18-01 17-MAR-98 0-3			TRND TRND-SO19 NA-TRND-SO19-01 17-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Dimethylphthalate	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Fluoranthene	ND	(61.0	) [1]	ND	(48.0	) [1]	99.0	(54.0	) [1]	ND	(56.0	) [1]
Fluorene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Hexachloro-1,3-butadiene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Hexachlorobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Hexachlorocyclopentadiene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Hexachloroethane	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Isophorone	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
N-Nitroso-di-n-propylamine	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
N-Nitrosodiphenylamine	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Naphthalene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Nitrobenzene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Pentachlorophenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Phenanthrene	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Phenol	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
Pyrene	ND	(61.0	) [1]	ND	(48.0	) [1]	110	(54.0	) [1]	ND	(56.0	) [1]
bis(2-Chloroethoxy)methane	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
bis(2-Chloroethyl)ether	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]
bis(2-Ethylhexyl)phthalate	330	(61.0	) [1]	66.0	(48.0	) [1]	240	(54.0	) [1]	110	(56.0	) [1]
di-n-Butylphthalate	670	(61.0	) [1]	ND	(48.0	) [1]	440	(54.0	) [1]	69.0	(56.0	) [1]
di-n-Octylphthalate	ND	(61.0	) [1]	ND	(48.0	) [1]	ND	(54.0	) [1]	ND	(56.0	) [1]

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO16				TRND-SO17				TRND-SO18				TRND-SO19			
Sample Id	NA-TRND-SO16-01				NA-TRND-SO17-01				NA-TRND-SO18-01				NA-TRND-SO19-01			
Log Date	15-MAR-98				17-MAR-98				17-MAR-98				17-MAR-98			
Beg. Depth - End Depth (in.)	0-3				0-3				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(61.0	) [1]	ND		(48.0	) [1]	ND		(54.0	) [1]	ND		(56.0	) [1]
p-Cresol	ND		(61.0	) [1]	ND		(48.0	) [1]	ND		(54.0	) [1]	ND		(56.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	687		(1.40	) [1]	349		(2.80	) [1]	577		(1.10	) [1]	756		(2.00	) [1]
1,2,3,4,6,7,8,9-OCDF	110		(1.10	) [1]	52.6		(2.20	) [1]	73.2		(0.900	) [1]	75.1		(1.60	) [1]
1,2,3,4,6,7,8-HpCDD	163		(1.00	) [1]	67.2		(1.50	) [1]	89.2		(0.800	) [1]	121		(1.30	) [1]
1,2,3,4,6,7,8-HpCDF	163		(0.600	) [1]	48.7		(0.800	) [1]	58.3		(0.500	) [1]	77.9		(0.900	) [1]
1,2,3,4,7,8,9-HpCDF	22.1		(0.800	) [1]	7.40		(1.10	) [1]	11.3		(0.600	) [1]	13.2		(1.10	) [1]
1,2,3,4,7,8-HxCDD	12.6		(0.900	) [1]	4.80	J	(1.20	) [1]	4.50	J	(0.700	) [1]	6.10	J	(1.10	) [1]
1,2,3,4,7,8-HxCDF	97.4		(0.500	) [1]	14.4		(0.700	) [1]	34.1		(0.400	) [1]	37.1		(0.600	) [1]
1,2,3,6,7,8-HxCDD	21.1		(0.700	) [1]	7.60		(1.00	) [1]	8.40		(0.500	) [1]	10.3		(0.800	) [1]
1,2,3,6,7,8-HxCDF	37.7		(0.400	) [1]	5.20		(0.500	) [1]	12.2		(0.300	) [1]	12.6		(0.500	) [1]
1,2,3,7,8,9-HxCDD	29.7	J	(0.700	) [1]	13.6	J	(1.00	) [1]	14.9	J	(0.600	) [1]	17.5	J	(0.900	) [1]
1,2,3,7,8,9-HxCDF	4.50	J	(0.600	) [1]	ND		(0.800	) [1]	2.50	J	(0.500	) [1]	2.20	J	(0.700	) [1]
1,2,3,7,8-PeCDD	9.60		(0.400	) [1]	3.60	J	(0.500	) [1]	3.50	J	(0.400	) [1]	4.10	J	(0.600	) [1]
1,2,3,7,8-PeCDF	20.4		(0.300	) [1]	5.00		(0.400	) [1]	9.70		(0.300	) [1]	9.70		(0.400	) [1]
2,3,4,6,7,8-HxCDF	70.8		(0.500	) [1]	9.40		(0.700	) [1]	21.2		(0.400	) [1]	22.6		(0.600	) [1]
2,3,4,7,8-PeCDF	33.4		(0.300	) [1]	6.90		(0.400	) [1]	10.0		(0.300	) [1]	9.60		(0.400	) [1]
2,3,7,8-TCDD	1.70		(0.200	) [1]	0.610	J	(0.300	) [1]	0.620	J	(0.200	) [1]	0.740	J	(0.300	) [1]
2,3,7,8-TCDF	13.3		(1.10	) [1]	4.20		(0.900	) [1]	6.30		(1.20	) [1]	7.10		(1.10	) [1]
Total HpCDD	333		(1.00	) [1]	141		(1.50	) [1]	177		(0.800	) [1]	240		(1.30	) [1]
Total HpCDF	273		(0.700	) [1]	83.4		(0.900	) [1]	104		(0.500	) [1]	137		(1.00	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
		TRND TRND-SO16 NA-TRND-SO16-01 15-MAR-98 0-3			TRND TRND-SO17 NA-TRND-SO17-01 17-MAR-98 0-3			TRND TRND-SO18 NA-TRND-SO18-01 17-MAR-98 0-3			TRND TRND-SO19 NA-TRND-SO19-01 17-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	350	(0.700	) [1]	122	(1.10	) [1]	125	(0.600	) [1]	143	(0.900	) [1]
Total HxCDF	485	(0.500	) [1]	27.9	(0.700	) [1]	147	(0.400	) [1]	167	(0.600	) [1]
Total PeCDD	221	(0.400	) [1]	46.5	(0.500	) [1]	58.6	(0.400	) [1]	66.0	(0.600	) [1]
Total PeCDF	536	(0.300	) [1]	87.8	(0.400	) [1]	123	(0.300	) [1]	122	(0.400	) [1]
Total TCDD	209	(0.200	) [1]	40.5	(0.300	) [1]	39.8	(0.200	) [1]	41.1	(0.300	) [1]
Total TCDF	444	(0.200	) [1]	85.3	(0.200	) [1]	86.0	(0.200	) [1]	87.8	(0.200	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO20				TRND-SO21				TRND-SO21				TRND-SO22	
	NA-TRND-SO20-01				NA-TRND-SO21-01				NA-TRND-SO21-02				NA-TRND-SO22-01	
	16-MAR-98				16-MAR-98				16-MAR-98				16-MAR-98	
	0-3				0-3				3-12				0-3	
OLM03.2 - Pesticides and PCBs (ug/kg)														
4,4'-DDD	ND		(0.310	) [1]	9.70		(0.260	) [1]	6.20	J	(0.270	) [1]	ND	(0.250) [1]
4,4'-DDE	ND		(0.310	) [1]	160		(2.60	) [10]	690		(2.70	) [10]	10.0	(0.250) [1]
4,4'-DDT	ND		(0.310	) [1]	430		(2.60	) [10]	300		(2.70	) [10]	17.0	J (0.250) [1]
Aldrin	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1016	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1221	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1232	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1242	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1248	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1254	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Aroclor-1260	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Dieldrin	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endosulfan I	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endosulfan II	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endosulfan sulfate	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endrin	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endrin aldehyde	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Endrin ketone	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Heptachlor	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Heptachlor epoxide	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Methoxychlor	ND	UJ	(0.310	) [1]	ND	UJ	(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
Toxaphene	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]
alpha-BHC	ND		(0.310	) [1]	ND		(0.260	) [1]	ND		(0.270	) [1]	ND	(0.250) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

	Site Id	TRND	TRND	TRND	TRND
	Location Id	TRND-SO20	TRND-SO21	TRND-SO21	TRND-SO22
	Sample Id	NA-TRND-SO20-01	NA-TRND-SO21-01	NA-TRND-SO21-02	NA-TRND-SO22-01
	Log Date	16-MAR-98	16-MAR-98	16-MAR-98	16-MAR-98
Parameter	Beg. Depth - End Depth (in.)	0-3	0-3	3-12	0-3
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)					
alpha-Chlordane		ND (0.310) [1]	ND (0.260) [1]	ND (0.270) [1]	ND (0.250) [1]
beta-BHC		ND (0.310) [1]	ND (0.260) [1]	ND (0.270) [1]	ND (0.250) [1]
delta-BHC		ND (0.310) [1]	ND (0.260) [1]	ND (0.270) [1]	ND (0.250) [1]
gamma-BHC(Lindane)		ND (0.310) [1]	ND (0.260) [1]	ND (0.270) [1]	ND (0.250) [1]
gamma-Chlordane		ND (0.310) [1]	ND (0.260) [1]	ND (0.270) [1]	ND (0.250) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)					
1,2,4-Trichlorobenzene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
1,2-Dichlorobenzene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
1,3-Dichlorobenzene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
1,4-Dichlorobenzene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,2'-oxybis(1-chloropropane)		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4,5-Trichlorophenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4,6-Trichlorophenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4-Dichlorophenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4-Dimethylphenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4-Dinitrophenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,4-Dinitrotoluene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2,6-Dinitrotoluene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2-Chloronaphthalene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2-Chlorophenol		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2-Methylnaphthalene		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]
2-Nitroaniline		ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)											
	TRND	TRND-SO20	NA-TRND-SO20-01	16-MAR-98	0-3			TRND	TRND-SO21	NA-TRND-SO21-01	16-MAR-98	0-3			TRND	TRND-SO21	NA-TRND-SO21-02	16-MAR-98	3-12			TRND	TRND-SO22	NA-TRND-SO22-01	16-MAR-98	0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																												
2-Nitrophenol	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
3,3'-Dichlorobenzidine	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
3-Nitroaniline	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4,6-Dinitro-2-methylphenol	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Bromophenyl-phenylether	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Chloro-3-methylphenol	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Chloroaniline	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Chlorophenyl-phenylether	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Nitroanaline	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
4-Nitrophenol	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Acenaphthene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Acenaphthylene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Anthracene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Benzo(a)anthracene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Benzo(a)pyrene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Benzo(b)fluoranthene	130	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Benzo(g,h,i)perylene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Benzo(k)fluoranthene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Butylbenzylphthalate	110	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					260	J	(50.0	) [1]			
Carbazole	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Chrysene	150	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Dibenz(a,h)anthracene	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				
Dibenzofuran	ND	(62.0	) [1]					ND	(52.0	) [1]					ND	(55.0	) [1]					ND	(50.0	) [1]				

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO20 NA-TRND-SO20-01 16-MAR-98 0-3			TRND TRND-SO21 NA-TRND-SO21-01 16-MAR-98 0-3			TRND TRND-SO21 NA-TRND-SO21-02 16-MAR-98 3-12			TRND TRND-SO22 NA-TRND-SO22-01 16-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Dimethylphthalate	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Fluoranthene	210	(62.0	) [1]	54.0	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Fluorene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Hexachloro-1,3-butadiene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Hexachlorobenzene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Hexachlorocyclopentadiene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Hexachloroethane	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Isophorone	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
N-Nitroso-di-n-propylamine	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
N-Nitrosodiphenylamine	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Naphthalene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Nitrobenzene	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Pentachlorophenol	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Phenanthrene	77.0	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Phenol	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
Pyrene	210	(62.0	) [1]	60.0	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
bis(2-Chloroethoxy)methane	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
bis(2-Chloroethyl)ether	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]
bis(2-Ethylhexyl)phthalate	330	(62.0	) [1]	310	(52.0	) [1]	ND	(55.0	) [1]	2100	(50.0	) [1]
di-n-Butylphthalate	110	(62.0	) [1]	90.0	(52.0	) [1]	620	(55.0	) [1]	510	(50.0	) [1]
di-n-Octylphthalate	ND	(62.0	) [1]	ND	(52.0	) [1]	ND	(55.0	) [1]	ND	(50.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND	TRND	TRND	TRND
	TRND-SO20	TRND-SO21	TRND-SO21	TRND-SO22	TRND-SO22
	NA-TRND-SO20-01	NA-TRND-SO21-01	NA-TRND-SO21-02	NA-TRND-SO22-01	NA-TRND-SO22-01
	16-MAR-98	16-MAR-98	16-MAR-98	16-MAR-98	16-MAR-98
	0-3	0-3	3-12	0-3	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
o-Cresol	ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]	
p-Cresol	ND (62.0) [1]	ND (52.0) [1]	ND (55.0) [1]	ND (50.0) [1]	
SW8290 - Dioxins (ppt)					
1,2,3,4,6,7,8,9-OCDD	1090 (3.60) [1]	1280 (0.700) [1]	464 (2.30) [1]	1900 (0.600) [1]	
1,2,3,4,6,7,8,9-OCDF	258 (2.90) [1]	95.2 (0.600) [1]	64.2 (1.90) [1]	149 (0.500) [1]	
1,2,3,4,6,7,8-HpCDD	262 (2.20) [1]	117 (0.500) [1]	54.5 (1.40) [1]	165 (0.500) [1]	
1,2,3,4,6,7,8-HpCDF	380 (1.20) [1]	77.6 (0.300) [1]	49.0 (0.900) [1]	134 (0.300) [1]	
1,2,3,4,7,8,9-HpCDF	32.5 (1.60) [1]	5.50 (0.400) [1]	1.80 J (1.20) [1]	15.5 (0.400) [1]	
1,2,3,4,7,8-HxCDD	15.9 (1.80) [1]	4.70 J (0.500) [1]	ND (1.20) [1]	6.40 (0.500) [1]	
1,2,3,4,7,8-HxCDF	115 (1.00) [1]	18.8 (0.300) [1]	4.00 J (0.700) [1]	43.1 (0.300) [1]	
1,2,3,6,7,8-HxCDD	26.8 (1.40) [1]	8.80 (0.400) [1]	3.10 J (1.00) [1]	12.0 (0.400) [1]	
1,2,3,6,7,8-HxCDF	41.8 (0.800) [1]	7.60 (0.200) [1]	2.10 J (0.600) [1]	16.8 (0.300) [1]	
1,2,3,7,8,9-HxCDD	39.7 J (1.40) [1]	12.6 J (0.400) [1]	5.20 J (1.00) [1]	16.0 J (0.400) [1]	
1,2,3,7,8,9-HxCDF	5.50 (1.20) [1]	1.40 J (0.300) [1]	ND (0.800) [1]	3.70 J (0.400) [1]	
1,2,3,7,8-PeCDD	11.1 (1.00) [1]	3.10 J (0.300) [1]	1.20 J (0.700) [1]	4.20 J (0.400) [1]	
1,2,3,7,8-PeCDF	23.8 (0.600) [1]	4.60 J (0.200) [1]	1.00 J (0.500) [1]	7.10 (0.300) [1]	
2,3,4,6,7,8-HxCDF	77.7 (1.00) [1]	13.6 (0.300) [1]	3.20 J (0.700) [1]	42.6 (0.400) [1]	
2,3,4,7,8-PeCDF	34.8 (0.600) [1]	6.70 (0.200) [1]	1.50 J (0.500) [1]	13.5 (0.300) [1]	
2,3,7,8-TCDD	1.70 (0.400) [1]	0.490 J (0.200) [1]	ND (0.300) [1]	0.680 J (0.200) [1]	
2,3,7,8-TCDF	15.4 (3.10) [1]	3.80 (0.800) [1]	ND (0.800) [1]	4.90 (2.10) [1]	
Total HpCDD	560 (2.20) [1]	224 (0.500) [1]	103 (1.40) [1]	327 (0.500) [1]	
Total HpCDF	624 (1.40) [1]	141 (0.400) [1]	96.8 (1.00) [1]	262 (0.400) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter												
Site Id	TRND			TRND			TRND			TRND		
Location Id	TRND-SO20			TRND-SO21			TRND-SO21			TRND-SO22		
Sample Id	NA-TRND-SO20-01			NA-TRND-SO21-01			NA-TRND-SO21-02			NA-TRND-SO22-01		
Log Date	16-MAR-98			16-MAR-98			16-MAR-98			16-MAR-98		
Beg. Depth - End Depth (in.)	0-3			0-3			3-12			0-3		
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	407	(1.50	) [1]	98.7	(0.400	) [1]	31.7	(1.10	) [1]	153	(0.400	) [1]
Total HxCDF	565	(1.00	) [1]	114	(0.300	) [1]	48.9	(0.700	) [1]	266	(0.300	) [1]
Total PeCDD	129	(1.00	) [1]	23.1	(0.300	) [1]	1.20	(0.700	) [1]	74.9	(0.400	) [1]
Total PeCDF	443	(0.600	) [1]	87.3	(0.200	) [1]	19.8	(0.500	) [1]	195	(0.300	) [1]
Total TCDD	112	(0.400	) [1]	22.5	(0.200	) [1]	4.00	(0.300	) [1]	60.6	(0.200	) [1]
Total TCDF	310	(0.300	) [1]	64.1	(0.200	) [1]	11.6	(0.200	) [1]	135	(0.200	) [1]
TOC (mg/kg)												
Total Organic Carbon	157000 K	(8310	) [1]	NA			NA			NA		

Compiled: 07/01/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter				TRND TRND-SO22 NA-TRND-SO22-11 Dup of NA-TRND-SO22-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-02 16-MAR-98 3-12			TRND TRND-SO24 NA-TRND-SO24-31 17-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)															
4,4'-DDD	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
4,4'-DDE	8.80		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	49.0	(0.260) [1]
4,4'-DDT	9.90	J	(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	46.0	(0.260) [1]
Aldrin	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1016	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1221	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1232	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1242	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1248	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1254	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Aroclor-1260	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Dieldrin	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endosulfan I	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endosulfan II	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endosulfan sulfate	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endrin	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endrin aldehyde	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Endrin ketone	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Heptachlor	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Heptachlor epoxide	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Methoxychlor	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
Toxaphene	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]
alpha-BHC	ND		(	0.240	) [1]	ND	(	0.320	) [1]	ND	(	0.410	) [1]	ND	(0.260) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)								
	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)																				
alpha-Chlordane	ND	(0.240	) [1]	ND	(0.320	) [1]	ND	(0.410	) [1]	ND	(0.260	) [1]								
beta-BHC	ND	(0.240	) [1]	ND	(0.320	) [1]	ND	(0.410	) [1]	ND	(0.260	) [1]								
delta-BHC	ND	(0.240	) [1]	ND	(0.320	) [1]	ND	(0.410	) [1]	ND	(0.260	) [1]								
gamma-BHC(Lindane)	ND	(0.240	) [1]	ND	(0.320	) [1]	ND	(0.410	) [1]	ND	(0.260	) [1]								
gamma-Chlordane	ND	(0.240	) [1]	ND	(0.320	) [1]	ND	(0.410	) [1]	ND	(0.260	) [1]								
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)																				
1,2,4-Trichlorobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
1,2-Dichlorobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
1,3-Dichlorobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
1,4-Dichlorobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,2'-oxybis(1-chloropropane)	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4,5-Trichlorophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4,6-Trichlorophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4-Dichlorophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4-Dimethylphenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4-Dinitrophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,4-Dinitrotoluene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2,6-Dinitrotoluene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2-Chloronaphthalene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2-Chlorophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2-Methylnaphthalene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								
2-Nitroaniline	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]								

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO22 NA-TRND-SO22-11 Dup of NA-TRND-SO22-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-02 16-MAR-98 3-12			TRND TRND-SO24 NA-TRND-SO24-31 17-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
3,3'-Dichlorobenzidine	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
3-Nitroaniline	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Bromophenyl-phenylether	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Chloro-3-methylphenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Chloroaniline	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Chlorophenyl-phenylether	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Nitroanaline	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
4-Nitrophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Acenaphthene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Acenaphthylene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Anthracene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Benzo(a)anthracene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	77.0	(53.0	) [1]
Benzo(a)pyrene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	93.0	(53.0	) [1]
Benzo(b)fluoranthene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	110	(53.0	) [1]
Benzo(g,h,i)perylene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	57.0	(53.0	) [1]
Benzo(k)fluoranthene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	69.0	(53.0	) [1]
Butylbenzylphthalate	50.0 J	(48.0	) [1]	99.0 J	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Carbazole	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Chrysene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	78.0	(53.0	) [1]
Dibenz(a,h)anthracene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Dibenzofuran	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO22 NA-TRND-SO22-11 Dup of NA-TRND-SO22-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-01 16-MAR-98 0-3			TRND TRND-SO23 NA-TRND-SO23-02 16-MAR-98 3-12			TRND TRND-SO24 NA-TRND-SO24-31 17-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Dimethylphthalate	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Fluoranthene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	150	(53.0	) [1]
Fluorene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Hexachloro-1,3-butadiene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Hexachlorobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Hexachlorocyclopentadiene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Hexachloroethane	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Isophorone	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
N-Nitroso-di-n-propylamine	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
N-Nitrosodiphenylamine	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Naphthalene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Nitrobenzene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Pentachlorophenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Phenanthrene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	77.0	(53.0	) [1]
Phenol	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
Pyrene	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	150	(53.0	) [1]
bis(2-Chloroethoxy)methane	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
bis(2-Chloroethyl)ether	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
bis(2-Ethylhexyl)phthalate	570	(48.0	) [1]	190	(64.0	) [1]	ND	(81.0	) [1]	110	(53.0	) [1]
di-n-Butylphthalate	160	(48.0	) [1]	75.0	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]
di-n-Octylphthalate	ND	(48.0	) [1]	ND	(64.0	) [1]	ND	(81.0	) [1]	ND	(53.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)				
	TRND				TRND				TRND				TRND					
	TRND-SO22				TRND-SO23				TRND-SO23				TRND-SO24					
	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01				NA-TRND-SO23-01				NA-TRND-SO23-02				NA-TRND-SO24-31					
	16-MAR-98				16-MAR-98				16-MAR-98				17-MAR-98					
	0-3				0-3				3-12				0-3					
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																		
o-Cresol	ND		(48.0	) [1]	ND		(64.0	) [1]	ND		(81.0	) [1]	ND		(53.0	) [1]		
p-Cresol	ND		(48.0	) [1]	ND		(64.0	) [1]	ND		(81.0	) [1]	ND		(53.0	) [1]		
SW8290 - Dioxins (ppt)																		
1,2,3,4,6,7,8,9-OCDD	1880		(0.500	) [1]	1120		(0.600	) [1]	29.1		(1.00	) [1]	417		(1.50	) [1]		
1,2,3,4,6,7,8,9-OCDF	142		(0.400	) [1]	154		(0.500	) [1]	3.40	J	(0.800	) [1]	58.5		(1.30	) [1]		
1,2,3,4,6,7,8-HpCDD	162		(0.400	) [1]	227		(0.500	) [1]	5.90		(0.600	) [1]	78.8		(1.00	) [1]		
1,2,3,4,6,7,8-HpCDF	132		(0.200	) [1]	151		(0.300	) [1]	4.40	J	(0.500	) [1]	64.6		(0.700	) [1]		
1,2,3,4,7,8,9-HpCDF	14.6		(0.300	) [1]	30.2		(0.400	) [1]	0.630	J	(0.600	) [1]	8.90		(1.00	) [1]		
1,2,3,4,7,8-HxCDD	6.60		(0.400	) [1]	14.9		(0.500	) [1]	ND		(0.600	) [1]	3.90	J	(0.900	) [1]		
1,2,3,4,7,8-HxCDF	40.1		(0.200	) [1]	75.0		(0.300	) [1]	1.90	J	(0.400	) [1]	22.2		(0.600	) [1]		
1,2,3,6,7,8-HxCDD	13.0		(0.300	) [1]	23.8		(0.400	) [1]	2.70	J	(0.500	) [1]	7.50		(0.800	) [1]		
1,2,3,6,7,8-HxCDF	15.5		(0.200	) [1]	29.1		(0.200	) [1]	0.900	J	(0.300	) [1]	10.6		(0.500	) [1]		
1,2,3,7,8,9-HxCDD	17.6		(0.300	) [1]	43.9		(0.400	) [1]	16.2		(0.600	) [1]	16.8	J	(0.900	) [1]		
1,2,3,7,8,9-HxCDF	3.00	J	(0.300	) [1]	3.90	J	(0.400	) [1]	ND		(0.500	) [1]	1.30	J	(0.700	) [1]		
1,2,3,7,8-PeCDD	4.00	J	(0.200	) [1]	9.50		(0.300	) [1]	2.30	J	(0.400	) [1]	4.10	J	(0.700	) [1]		
1,2,3,7,8-PeCDF	6.70		(0.200	) [1]	14.9		(0.300	) [1]	ND		(0.300	) [1]	6.40		(0.400	) [1]		
2,3,4,6,7,8-HxCDF	36.1		(0.200	) [1]	63.5		(0.300	) [1]	2.00	J	(0.400	) [1]	19.8		(0.600	) [1]		
2,3,4,7,8-PeCDF	12.3		(0.200	) [1]	25.0		(0.300	) [1]	0.720	J	(0.300	) [1]	9.10		(0.500	) [1]		
2,3,7,8-TCDD	0.590	J	(0.200	) [1]	1.50		(0.200	) [1]	ND		(0.300	) [1]	0.710	J	(0.400	) [1]		
2,3,7,8-TCDF	4.10		(2.00	) [1]	10.4		(3.00	) [1]	0.840	J	(0.200	) [1]	6.20		(0.800	) [1]		
Total HpCDD	322		(0.400	) [1]	439		(0.500	) [1]	12.1		(0.600	) [1]	154		(1.00	) [1]		
Total HpCDF	252		(0.300	) [1]	282		(0.400	) [1]	7.90		(0.500	) [1]	110		(0.800	) [1]		

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id			Location Id			Sample Id			Log Date			Beg. Depth - End Depth (in.)		
		TRND			TRND			TRND			TRND			TRND		
		TRND-SO22			TRND-SO23			TRND-SO23			TRND-SO24					
		NA-TRND-SO22-11 Dup of NA-TRND-SO22-01			NA-TRND-SO23-01			NA-TRND-SO23-02			NA-TRND-SO24-31					
		16-MAR-98			16-MAR-98			16-MAR-98			17-MAR-98					
		0-3			0-3			3-12			0-3					
SW8290 - Dioxins, cont. (ppt)																
Total HxCDD	167	(0.300	) [1]	327	(0.400	) [1]	48.5	(0.600	) [1]	115	(0.900	) [1]				
Total HxCDF	241	(0.200	) [1]	347	(0.300	) [1]	8.80	(0.400	) [1]	118	(0.600	) [1]				
Total PeCDD	67.3	(0.200	) [1]	139	(0.300	) [1]	5.00	(0.400	) [1]	36.5	(0.700	) [1]				
Total PeCDF	182	(0.200	) [1]	286	(0.300	) [1]	3.30	(0.300	) [1]	110	(0.500	) [1]				
Total TCDD	59.5	(0.200	) [1]	89.9	(0.200	) [1]	1.00	(0.300	) [1]	49.0	(0.400	) [1]				
Total TCDF	126	(0.100	) [1]	200	(0.100	) [1]	2.00	(0.200	) [1]	94.9	(0.300	) [1]				

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND	TRND	TRND	TRND
	TRND-SO25	TRND-SO25	TRND-SO26	TRND-SO26	TRND-SO26
	NA-TRND-SO25-01	NA-TRND-SO25-02	NA-TRND-SO26-01	NA-TRND-SO26-11 Dup of NA-TRND-SO26-01	
	17-MAR-98	17-MAR-98	16-MAR-98	16-MAR-98	
	0-3	3-12	0-3	0-3	
OLM03.2 - Pesticides and PCBs (ug/kg)					
4,4'-DDD	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
4,4'-DDE	0.530 (0.280) [1]	ND (0.420) [1]	14.0 (0.270) [1]	14.0 (0.270) [1]	
4,4'-DDT	ND (0.280) [1]	ND (0.420) [1]	6.90 J (0.270) [1]	7.20 J (0.270) [1]	
Aldrin	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1016	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1221	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1232	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1242	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1248	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1254	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Aroclor-1260	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Dieldrin	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endosulfan I	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endosulfan II	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endosulfan sulfate	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endrin	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endrin aldehyde	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Endrin ketone	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Heptachlor	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Heptachlor epoxide	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
Methoxychlor	ND UJ (0.280) [1]	ND UJ (0.420) [1]	ND UJ (0.270) [1]	ND UJ (0.270) [1]	
Toxaphene	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	
alpha-BHC	ND (0.280) [1]	ND (0.420) [1]	ND (0.270) [1]	ND (0.270) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO25 NA-TRND-SO25-01 17-MAR-98 0-3			TRND TRND-SO25 NA-TRND-SO25-02 17-MAR-98 3-12			TRND TRND-SO26 NA-TRND-SO26-01 16-MAR-98 0-3			TRND TRND-SO26 NA-TRND-SO26-11 Dup of NA-TRND-SO26-01 16-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.280	) [1]	ND	(0.420	) [1]	ND	(0.270	) [1]	ND	(0.270	) [1]
beta-BHC	ND	(0.280	) [1]	ND	(0.420	) [1]	ND	(0.270	) [1]	ND	(0.270	) [1]
delta-BHC	ND	(0.280	) [1]	ND	(0.420	) [1]	ND	(0.270	) [1]	ND	(0.270	) [1]
gamma-BHC(Lindane)	ND	(0.280	) [1]	ND	(0.420	) [1]	ND	(0.270	) [1]	ND	(0.270	) [1]
gamma-Chlordane	ND	(0.280	) [1]	ND	(0.420	) [1]	ND	(0.270	) [1]	ND	(0.270	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
1,2-Dichlorobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
1,3-Dichlorobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
1,4-Dichlorobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4,5-Trichlorophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4,6-Trichlorophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4-Dichlorophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4-Dimethylphenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4-Dinitrophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,4-Dinitrotoluene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2,6-Dinitrotoluene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2-Chloronaphthalene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2-Chlorophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2-Methylnaphthalene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
2-Nitroaniline	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND-SO25	NA-TRND-SO25-01	17-MAR-98	0-3	TRND	TRND-SO25	NA-TRND-SO25-02	17-MAR-98	3-12	TRND	TRND-SO26	NA-TRND-SO26-01	16-MAR-98	0-3	TRND	TRND-SO26	NA-TRND-SO26-11 Dup of NA-TRND-SO26-01	16-MAR-98	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																				
2-Nitrophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
3,3'-Dichlorobenzidine	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
3-Nitroaniline	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Bromophenyl-phenylether	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Chloro-3-methylphenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Chloroaniline	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Chlorophenyl-phenylether	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Nitroanaline	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
4-Nitrophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Acenaphthene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Acenaphthylene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Anthracene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Benzo(a)anthracene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Benzo(a)pyrene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Benzo(b)fluoranthene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Benzo(g,h,i)perylene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Benzo(k)fluoranthene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Butylbenzylphthalate	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Carbazole	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Chrysene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Dibenz(a,h)anthracene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Dibenzofuran	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO25 NA-TRND-SO25-01 17-MAR-98 0-3			TRND TRND-SO25 NA-TRND-SO25-02 17-MAR-98 3-12			TRND TRND-SO26 NA-TRND-SO26-01 16-MAR-98 0-3			TRND TRND-SO26 NA-TRND-SO26-11 Dup of NA-TRND-SO26-01 16-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Dimethylphthalate	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Fluoranthene	ND	(56.0	) [1]	ND	(83.0	) [1]	58.0	(55.0	) [1]	ND	(55.0	) [1]
Fluorene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Hexachloro-1,3-butadiene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Hexachlorobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Hexachlorocyclopentadiene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Hexachloroethane	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Isophorone	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
N-Nitroso-di-n-propylamine	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
N-Nitrosodiphenylamine	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Naphthalene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Nitrobenzene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Pentachlorophenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Phenanthrene	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Phenol	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
Pyrene	ND	(56.0	) [1]	ND	(83.0	) [1]	57.0	(55.0	) [1]	ND	(55.0	) [1]
bis(2-Chloroethoxy)methane	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
bis(2-Chloroethyl)ether	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]
bis(2-Ethylhexyl)phthalate	ND	(56.0	) [1]	ND	(83.0	) [1]	390	(55.0	) [1]	280	(55.0	) [1]
di-n-Butylphthalate	ND	(56.0	) [1]	92.0	(83.0	) [1]	170	(55.0	) [1]	80.0	(55.0	) [1]
di-n-Octylphthalate	ND	(56.0	) [1]	ND	(83.0	) [1]	ND	(55.0	) [1]	ND	(55.0	) [1]

Compiled: 07/01/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)														
	TRND	TRND-SO25	NA-TRND-SO25-01	17-MAR-98	0-3														
	TRND	TRND-SO25	NA-TRND-SO25-02	17-MAR-98	3-12														
	TRND	TRND-SO26	NA-TRND-SO26-01	16-MAR-98	0-3														
	TRND	TRND-SO26	NA-TRND-SO26-11 Dup of NA-TRND-SO26-01	16-MAR-98	0-3														
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																			
o-Cresol	ND		(56.0	) [1]	ND		(83.0	) [1]	ND		(55.0	) [1]	ND		(55.0	) [1]			
p-Cresol	ND		(56.0	) [1]	ND		(83.0	) [1]	ND		(55.0	) [1]	ND		(55.0	) [1]			
SW8290 - Dioxins (ppt)																			
1,2,3,4,6,7,8,9-OCDD	89.8		(2.40	) [1]	8.50	J	(1.20	) [1]	1270		(2.60	) [1]	1380		(4.60	) [1]			
1,2,3,4,6,7,8,9-OCDF	17.5		(2.10	) [1]	2.50	J	(1.00	) [1]	190		(2.20	) [1]	207		(3.90	) [1]			
1,2,3,4,6,7,8-HpCDD	19.6		(1.40	) [1]	2.20	J	(0.700	) [1]	306		(1.50	) [1]	277		(2.30	) [1]			
1,2,3,4,6,7,8-HpCDF	21.8		(0.900	) [1]	2.00	J	(0.500	) [1]	269		(0.900	) [1]	253		(1.40	) [1]			
1,2,3,4,7,8,9-HpCDF	3.30	J	(1.30	) [1]	ND		(0.700	) [1]	29.8		(1.20	) [1]	32.9		(1.90	) [1]			
1,2,3,4,7,8-HxCDD	1.10	J	(1.00	) [1]	ND		(0.600	) [1]	16.8		(1.00	) [1]	14.2		(1.60	) [1]			
1,2,3,4,7,8-HxCDF	9.30		(0.600	) [1]	0.890	J	(0.400	) [1]	123		(0.600	) [1]	108		(0.800	) [1]			
1,2,3,6,7,8-HxCDD	3.20	J	(0.800	) [1]	1.40	J	(0.500	) [1]	31.6		(0.900	) [1]	30.6		(1.30	) [1]			
1,2,3,6,7,8-HxCDF	4.00	J	(0.500	) [1]	0.530	J	(0.400	) [1]	52.4		(0.500	) [1]	47.1		(0.700	) [1]			
1,2,3,7,8,9-HxCDD	11.3		(0.900	) [1]	8.90		(0.600	) [1]	44.9	J	(0.900	) [1]	40.0	J	(1.40	) [1]			
1,2,3,7,8,9-HxCDF	ND		(0.800	) [1]	ND		(0.500	) [1]	5.90	J	(0.700	) [1]	6.70	J	(1.00	) [1]			
1,2,3,7,8-PeCDD	2.40	J	(0.700	) [1]	1.60	J	(0.500	) [1]	13.6		(0.800	) [1]	13.2		(1.20	) [1]			
1,2,3,7,8-PeCDF	2.90	J	(0.500	) [1]	ND		(0.400	) [1]	31.6		(0.500	) [1]	29.5		(0.600	) [1]			
2,3,4,6,7,8-HxCDF	7.80		(0.700	) [1]	0.970	J	(0.400	) [1]	105		(0.700	) [1]	87.7		(0.900	) [1]			
2,3,4,7,8-PeCDF	3.30	J	(0.500	) [1]	ND		(0.400	) [1]	49.4		(0.500	) [1]	45.0		(0.600	) [1]			
2,3,7,8-TCDD	0.420	J	(0.400	) [1]	ND		(0.300	) [1]	2.30		(0.400	) [1]	2.10		(0.500	) [1]			
2,3,7,8-TCDF	2.10		(0.400	) [1]	0.560	J	(0.200	) [1]	24.1		(0.800	) [1]	22.7		(0.700	) [1]			
Total HpCDD	42.1		(1.40	) [1]	3.90		(0.700	) [1]	647		(1.50	) [1]	607		(2.30	) [1]			
Total HpCDF	37.6		(1.10	) [1]	2.00		(0.600	) [1]	445		(1.00	) [1]	438		(1.60	) [1]			

Compiled: 07/01/98

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Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TRND Location Id: TRND-SO25 Sample Id: NA-TRND-SO25-01 Log Date: 17-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TRND Location Id: TRND-SO25 Sample Id: NA-TRND-SO25-02 Log Date: 17-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: TRND Location Id: TRND-SO26 Sample Id: NA-TRND-SO26-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: TRND Location Id: TRND-SO26 Sample Id: NA-TRND-SO26-11 Dup of NA-TRND-SO26-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3		
SW8290 - Dioxins, cont. (ppt)													
Total HxCDD	51.9	(0.900	) [1]	20.1	(0.600	) [1]	481	(0.900	) [1]	459	(1.40	) [1]
Total HxCDF	45.9	(0.600	) [1]	3.60	(0.400	) [1]	637	(0.600	) [1]	568	(0.900	) [1]
Total PeCDD	18.6	(0.700	) [1]	3.10	(0.500	) [1]	295	(0.800	) [1]	286	(1.20	) [1]
Total PeCDF	44.2	(0.500	) [1]	0.440	(0.400	) [1]	704	(0.500	) [1]	675	(0.600	) [1]
Total TCDD	15.0	(0.400	) [1]	0.530	(0.300	) [1]	231	(0.400	) [1]	228	(0.500	) [1]
Total TCDF	30.1	(0.300	) [1]	0.560	(0.200	) [1]	488	(0.300	) [1]	490	(0.300	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO27				TRND-SO27				TRND-SO28				TRND-SO29	
	NA-TRND-SO27-01				NA-TRND-SO27-02				NA-TRND-SO28-01				NA-TRND-SO29-01	
	17-MAR-98				16-MAR-98				16-MAR-98				17-MAR-98	
	0-3				3-12				0-3				0-3	
OLM03.2 - Pesticides and PCBs (ug/kg)														
4,4'-DDD	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
4,4'-DDE	36.0		(0.300	) [1]	130		(0.590	) [2]	60.0		(0.260	) [1]	2.40	(0.270) [1]
4,4'-DDT	28.0	J	(0.300	) [1]	89.0	J	(0.300	) [1]	42.0	J	(0.260	) [1]	4.10	J (0.270) [1]
Aldrin	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1016	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1221	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1232	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1242	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1248	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1254	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Aroclor-1260	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Dieldrin	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endosulfan I	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endosulfan II	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endosulfan sulfate	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endrin	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endrin aldehyde	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Endrin ketone	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Heptachlor	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Heptachlor epoxide	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
Methoxychlor	ND	UJ	(0.300	) [1]	ND	UJ	(0.300	) [1]	ND	UJ	(0.260	) [1]	ND	UJ (0.270) [1]
Toxaphene	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]
alpha-BHC	ND		(0.300	) [1]	ND		(0.300	) [1]	ND		(0.260	) [1]	ND	(0.270) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3			TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12			TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3			TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	2.70	(0.300	) [1]	7.60	(0.300	) [1]	ND	(0.260	) [1]	ND	(0.270	) [1]
beta-BHC	ND	(0.300	) [1]	ND	(0.300	) [1]	ND	(0.260	) [1]	ND	(0.270	) [1]
delta-BHC	ND	(0.300	) [1]	ND	(0.300	) [1]	ND	(0.260	) [1]	ND	(0.270	) [1]
gamma-BHC(Lindane)	ND	(0.300	) [1]	ND	(0.300	) [1]	ND	(0.260	) [1]	ND	(0.270	) [1]
gamma-Chlordane	2.10	(0.300	) [1]	ND	(0.300	) [1]	ND	(0.260	) [1]	ND	(0.270	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
1,2-Dichlorobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
1,3-Dichlorobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
1,4-Dichlorobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4,5-Trichlorophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4,6-Trichlorophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4-Dichlorophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4-Dimethylphenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4-Dinitrophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,4-Dinitrotoluene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2,6-Dinitrotoluene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2-Chloronaphthalene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2-Chlorophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2-Methylnaphthalene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
2-Nitroaniline	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3			TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12			TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3			TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
2-Nitrophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
3,3'-Dichlorobenzidine	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
3-Nitroaniline	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4,6-Dinitro-2-methylphenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Bromophenyl-phenylether	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Chloro-3-methylphenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Chloroaniline	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Chlorophenyl-phenylether	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Nitroanaline	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
4-Nitrophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Acenaphthene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Acenaphthylene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	150	(54.0	) [1]
Anthracene	ND	(60.0	) [1]	74.0	(60.0	) [1]	ND	(51.0	) [1]	140	(54.0	) [1]
Benzo(a)anthracene	77.0	(60.0	) [1]	550	(60.0	) [1]	ND	(51.0	) [1]	450	(54.0	) [1]
Benzo(a)pyrene	97.0	(60.0	) [1]	420	(60.0	) [1]	ND	(51.0	) [1]	410	(54.0	) [1]
Benzo(b)fluoranthene	200	(60.0	) [1]	800	(60.0	) [1]	ND	(51.0	) [1]	500	(54.0	) [1]
Benzo(g,h,i)perylene	110	(60.0	) [1]	310	(60.0	) [1]	ND	(51.0	) [1]	280	(54.0	) [1]
Benzo(k)fluoranthene	90.0	(60.0	) [1]	210	(60.0	) [1]	ND	(51.0	) [1]	250	(54.0	) [1]
Butylbenzylphthalate	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Carbazole	ND	(60.0	) [1]	74.0	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Chrysene	110	(60.0	) [1]	560	(60.0	) [1]	ND	(51.0	) [1]	450	(54.0	) [1]
Dibenz(a,h)anthracene	ND	(60.0	) [1]	96.0	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Dibenzofuran	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3			TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12			TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3			TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Dimethylphthalate	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Fluoranthene	ND	(60.0	) [1]	890	(60.0	) [1]	ND	(51.0	) [1]	1100	(54.0	) [1]
Fluorene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	170	(54.0	) [1]
Hexachloro-1,3-butadiene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Hexachlorobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Hexachlorocyclopentadiene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Hexachloroethane	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Indeno(1,2,3-cd)pyrene	91.0	(60.0	) [1]	280	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Isophorone	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	240	(54.0	) [1]
N-Nitroso-di-n-propylamine	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
N-Nitrosodiphenylamine	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Naphthalene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Nitrobenzene	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Pentachlorophenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Phenanthrene	ND	(60.0	) [1]	310	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
Phenol	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	890	(54.0	) [1]
Pyrene	60.0	(60.0	) [1]	760	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
bis(2-Chloroethoxy)methane	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	1100	(54.0	) [1]
bis(2-Chloroethyl)ether	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]
bis(2-Ethylhexyl)phthalate	130	(60.0	) [1]	120	(60.0	) [1]	150	(51.0	) [1]	ND	(54.0	) [1]
di-n-Butylphthalate	ND	(60.0	) [1]	160	(60.0	) [1]	220	(51.0	) [1]	100	(54.0	) [1]
di-n-Octylphthalate	ND	(60.0	) [1]	ND	(60.0	) [1]	ND	(51.0	) [1]	ND	(54.0	) [1]

Compiled: 07/01[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO27				TRND-SO27				TRND-SO28				TRND-SO29			
Sample Id	NA-TRND-SO27-01				NA-TRND-SO27-02				NA-TRND-SO28-01				NA-TRND-SO29-01			
Log Date	17-MAR-98				16-MAR-98				16-MAR-98				17-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																
o-Cresol	ND		(60.0	) [1]	ND		(60.0	) [1]	ND		(51.0	) [1]	ND		(54.0	) [1]
p-Cresol	ND		(60.0	) [1]	ND		(60.0	) [1]	ND		(51.0	) [1]	ND		(54.0	) [1]
SW8290 - Dioxins (ppt)																
1,2,3,4,6,7,8,9-OCDD	335		(4.00	) [1]	3640		(5.20	) [1]	949		(0.200	) [1]	449		(0.300	) [1]
1,2,3,4,6,7,8,9-OCDF	90.1		(3.40	) [1]	77.3		(4.40	) [1]	80.9		(0.200	) [1]	77.6		(0.200	) [1]
1,2,3,4,6,7,8-HpCDD	80.1		(2.20	) [1]	144		(2.60	) [1]	85.1		(0.200	) [1]	95.0		(0.200	) [1]
1,2,3,4,6,7,8-HpCDF	87.3		(1.40	) [1]	45.3		(1.60	) [1]	89.9		(0.100	) [1]	81.2		(0.100	) [1]
1,2,3,4,7,8,9-HpCDF	13.2		(1.90	) [1]	4.10	J	(2.10	) [1]	15.9		(0.200	) [1]	14.2		(0.200	) [1]
1,2,3,4,7,8-HxCDD	5.30		(1.70	) [1]	2.80	J	(1.80	) [1]	5.90		(0.200	) [1]	6.40		(0.200	) [1]
1,2,3,4,7,8-HxCDF	43.3	J	(0.900	) [1]	6.50		(1.00	) [1]	49.6		(0.100	) [1]	40.7		(0.100	) [1]
1,2,3,6,7,8-HxCDD	11.0		(1.40	) [1]	9.50		(1.50	) [1]	9.80		(0.200	) [1]	10.7		(0.200	) [1]
1,2,3,6,7,8-HxCDF	19.1		(0.800	) [1]	3.20	J	(0.900	) [1]	19.2		(0.100	) [1]	15.1		(0.100	) [1]
1,2,3,7,8,9-HxCDD	20.5	J	(1.50	) [1]	17.2		(1.60	) [1]	16.6	J	(0.200	) [1]	21.0	J	(0.200	) [1]
1,2,3,7,8,9-HxCDF	3.00	J	(1.10	) [1]	6.90		(1.20	) [1]	3.50	J	(0.100	) [1]	2.70	J	(0.100	) [1]
1,2,3,7,8-PeCDD	6.10		(1.40	) [1]	4.30	J	(1.50	) [1]	4.40	J	(0.100	) [1]	4.60	J	(0.100	) [1]
1,2,3,7,8-PeCDF	10.8	J	(0.800	) [1]	3.90	J	(0.800	) [1]	7.80		(0.100	) [1]	9.30		(0.100	) [1]
2,3,4,6,7,8-HxCDF	45.6		(1.00	) [1]	10.3		(1.10	) [1]	48.3		(0.100	) [1]	32.9		(0.100	) [1]
2,3,4,7,8-PeCDF	20.0		(0.900	) [1]	3.80	J	(0.900	) [1]	16.6		(0.100	) [1]	14.0		(0.100	) [1]
2,3,7,8-TCDD	1.10		(0.600	) [1]	0.950	J	(0.600	) [1]	0.650	J	(0.100	) [1]	0.720	J	(0.100	) [1]
2,3,7,8-TCDF	6.80		(0.400	) [1]	2.60		(0.700	) [1]	6.00		(0.500	) [1]	7.40		(0.700	) [1]
Total HpCDD	162		(2.20	) [1]	277		(2.60	) [1]	174		(0.200	) [1]	188		(0.200	) [1]
Total HpCDF	168		(1.60	) [1]	94.2		(1.80	) [1]	173		(0.100	) [1]	146		(0.100	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3			TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12			TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3			TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3		
SW8290 - Dioxins, cont. (ppt)												
Total HxCDD	161	(1.50	) [1]	102	(1.70	) [1]	148	(0.200	) [1]	166	(0.200	) [1]
Total HxCDF	262	(1.00	) [1]	55.5	(1.00	) [1]	258	(0.100	) [1]	188	(0.100	) [1]
Total PeCDD	91.4	(1.40	) [1]	14.0	(1.50	) [1]	73.9	(0.100	) [1]	77.6	(0.100	) [1]
Total PeCDF	321	(0.900	) [1]	58.6	(0.900	) [1]	223	(0.100	) [1]	175	(0.100	) [1]
Total TCDD	67.0	(0.600	) [1]	12.9	(0.600	) [1]	62.2	(0.100	) [1]	62.1	(0.100	) [1]
Total TCDF	229	(0.400	) [1]	40.3	(0.400	) [1]	156	(0.0600	) [1]	133	(0.0700	) [1]
TOC (mg/kg)												
Total Organic Carbon	NA			NA			NA			120000 K	(4050	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)											
	TRND / TRND-SO29 / NA-TRND-SO29-02 / 17-MAR-98 / 3-12			TRND / TRND-SO30 / NA-TRND-SO30-01 / 17-MAR-98 / 0-3			TRND / TRND-SO31 / NA-TRND-SO31-01 / 17-MAR-98 / 0-3			TRND / TRND-SO32 / NA-TRND-SO32-01 / 16-MAR-98 / 0-3		
OLM03.2 - Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
4,4'-DDE	0.860		(0.250) [1]	5.00		(0.280) [1]	ND		(0.300) [1]	27.0		(0.280) [1]
4,4'-DDT	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	20.0		(0.280) [1]
Aldrin	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1016	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1221	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1232	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1242	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1248	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1254	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Aroclor-1260	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Dieldrin	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endosulfan I	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endosulfan II	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endosulfan sulfate	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endrin	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endrin aldehyde	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Endrin ketone	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Heptachlor	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Heptachlor epoxide	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Methoxychlor	ND	UJ	(0.250) [1]	ND	UJ	(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
Toxaphene	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]
alpha-BHC	ND		(0.250) [1]	ND		(0.280) [1]	ND		(0.300) [1]	ND		(0.280) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)											
	TRND TRND-SO29 NA-TRND-SO29-02 17-MAR-98 3-12			TRND TRND-SO30 NA-TRND-SO30-01 17-MAR-98 0-3			TRND TRND-SO31 NA-TRND-SO31-01 17-MAR-98 0-3			TRND TRND-SO32 NA-TRND-SO32-01 16-MAR-98 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)												
alpha-Chlordane	ND	(0.250	) [1]	ND	(0.280	) [1]	ND	(0.300	) [1]	ND	(0.280	) [1]
beta-BHC	ND	(0.250	) [1]	ND	(0.280	) [1]	ND	(0.300	) [1]	ND	(0.280	) [1]
delta-BHC	ND	(0.250	) [1]	ND	(0.280	) [1]	ND	(0.300	) [1]	ND	(0.280	) [1]
gamma-BHC(Lindane)	ND	(0.250	) [1]	ND	(0.280	) [1]	ND	(0.300	) [1]	ND	(0.280	) [1]
gamma-Chlordane	ND	(0.250	) [1]	ND	(0.280	) [1]	ND	(0.300	) [1]	ND	(0.280	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)												
1,2,4-Trichlorobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
1,2-Dichlorobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
1,3-Dichlorobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
1,4-Dichlorobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4,5-Trichlorophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4,6-Trichlorophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4-Dichlorophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4-Dimethylphenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4-Dinitrophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,4-Dinitrotoluene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2,6-Dinitrotoluene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2-Chloronaphthalene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2-Chlorophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2-Methylnaphthalene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
2-Nitroaniline	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)
	TRND	TRND-SO29	NA-TRND-SO29-02	17-MAR-98	3-12
	TRND	TRND-SO30	NA-TRND-SO30-01	17-MAR-98	0-3
	TRND	TRND-SO31	NA-TRND-SO31-01	17-MAR-98	0-3
	TRND	TRND-SO32	NA-TRND-SO32-01	16-MAR-98	0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)					
2-Nitrophenol	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
3,3'-Dichlorobenzidine	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
3-Nitroaniline	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4,6-Dinitro-2-methylphenol	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Bromophenyl-phenylether	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Chloro-3-methylphenol	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Chloroaniline	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Chlorophenyl-phenylether	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Nitroanaline	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
4-Nitrophenol	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Acenaphthene	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Acenaphthylene	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Anthracene	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Benzo(a)anthracene	63.0	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Benzo(a)pyrene	66.0	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Benzo(b)fluoranthene	69.0	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Benzo(g,h,i)perylene	51.0	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Benzo(k)fluoranthene	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Butylbenzylphthalate	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Carbazole	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Chrysene	59.0	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Dibenz(a,h)anthracene	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]
Dibenzofuran	ND	(51.0) [1]	ND	(56.0) [1]	ND	(61.0) [1]	ND	(57.0) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO29 NA-TRND-SO29-02 17-MAR-98 3-12			TRND TRND-SO30 NA-TRND-SO30-01 17-MAR-98 0-3			TRND TRND-SO31 NA-TRND-SO31-01 17-MAR-98 0-3			TRND TRND-SO32 NA-TRND-SO32-01 16-MAR-98 0-3		
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)												
Diethylphthalate	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Dimethylphthalate	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Fluoranthene	130	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Fluorene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Hexachloro-1,3-butadiene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Hexachlorobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Hexachlorocyclopentadiene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Hexachloroethane	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Isophorone	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
N-Nitroso-di-n-propylamine	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
N-Nitrosodiphenylamine	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Naphthalene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Nitrobenzene	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Pentachlorophenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Phenanthrene	60.0	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Phenol	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
Pyrene	120	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
bis(2-Chloroethoxy)methane	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
bis(2-Chloroethyl)ether	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]
bis(2-Ethylhexyl)phthalate	ND	(51.0	) [1]	67.0	(56.0	) [1]	110	(61.0	) [1]	86.0	(57.0	) [1]
di-n-Butylphthalate	ND	(51.0	) [1]	710	(56.0	) [1]	120	(61.0	) [1]	ND	(57.0	) [1]
di-n-Octylphthalate	ND	(51.0	) [1]	ND	(56.0	) [1]	ND	(61.0	) [1]	ND	(57.0	) [1]

Compiled: 07/01/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO29 NA-TRND-SO29-02 17-MAR-98 3-12					TRND TRND-SO30 NA-TRND-SO30-01 17-MAR-98 0-3					TRND TRND-SO31 NA-TRND-SO31-01 17-MAR-98 0-3					TRND TRND-SO32 NA-TRND-SO32-01 16-MAR-98 0-3				
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)																	
o-Cresol	ND		(51.0	) [1]		ND		(56.0	) [1]		ND		(61.0	) [1]		ND		(57.0	) [1]
p-Cresol	ND		(51.0	) [1]		ND		(56.0	) [1]		ND		(61.0	) [1]		ND		(57.0	) [1]
SW8290 - Dioxins (ppt)																	
1,2,3,4,6,7,8,9-OCDD	42.4		(2.20	) [1]		920		(4.80	) [1]		371		(4.20	) [1]		565		(1.40	) [1]
1,2,3,4,6,7,8,9-OCDF	5.60	J	(1.80	) [1]		73.1		(3.80	) [1]		57.9		(3.40	) [1]		78.7		(1.10	) [1]
1,2,3,4,6,7,8-HpCDD	6.90		(1.60	) [1]		107		(2.80	) [1]		69.3		(2.70	) [1]		99.1		(0.900	) [1]
1,2,3,4,6,7,8-HpCDF	6.20		(1.00	) [1]		72.3		(1.60	) [1]		59.7		(1.50	) [1]		87.7		(0.600	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(1.30	) [1]		3.50	J	(2.00	) [1]		10.7		(1.90	) [1]		15.5		(0.800	) [1]
1,2,3,4,7,8-HxCDD	ND		(1.70	) [1]		2.60	J	(2.20	) [1]		4.00	J	(2.20	) [1]		ND		(0.900	) [1]
1,2,3,4,7,8-HxCDF	3.30	J	(1.00	) [1]		7.00		(1.20	) [1]		29.7		(1.20	) [1]		37.9		(0.600	) [1]
1,2,3,6,7,8-HxCDD	ND		(1.30	) [1]		5.10		(1.70	) [1]		7.20		(1.70	) [1]		9.70		(0.700	) [1]
1,2,3,6,7,8-HxCDF	1.20	J	(0.800	) [1]		3.80	J	(1.00	) [1]		11.3		(1.00	) [1]		15.3		(0.500	) [1]
1,2,3,7,8,9-HxCDD	4.50	J	(1.40	) [1]		7.50		(1.80	) [1]		15.0		(1.80	) [1]		18.2		(0.700	) [1]
1,2,3,7,8,9-HxCDF	ND		(1.20	) [1]		ND		(1.40	) [1]		1.90	J	(1.40	) [1]		2.50	J	(0.700	) [1]
1,2,3,7,8-PeCDD	1.30	J	(1.10	) [1]		2.00	J	(1.20	) [1]		3.60	J	(1.40	) [1]		4.10	J	(0.600	) [1]
1,2,3,7,8-PeCDF	0.950	J	(0.800	) [1]		1.30	J	(0.800	) [1]		7.30		(0.900	) [1]		6.90		(0.400	) [1]
2,3,4,6,7,8-HxCDF	2.00	J	(1.00	) [1]		6.20		(1.30	) [1]		22.0		(1.20	) [1]		35.4		(0.600	) [1]
2,3,4,7,8-PeCDF	1.40	J	(0.800	) [1]		2.10	J	(0.800	) [1]		9.90		(0.900	) [1]		12.2		(0.400	) [1]
2,3,7,8-TCDD	ND		(0.600	) [1]		ND		(0.500	) [1]		ND		(0.700	) [1]		0.560	J	(0.300	) [1]
2,3,7,8-TCDF	1.10		(0.400	) [1]		1.50		(0.400	) [1]		6.50		(0.600	) [1]		4.80		(2.20	) [1]
Total HpCDD	14.4		(1.60	) [1]		201		(2.80	) [1]		152		(2.70	) [1]		195		(0.900	) [1]
Total HpCDF	11.2		(1.20	) [1]		126		(1.80	) [1]		107		(1.70	) [1]		164		(0.700	) [1]

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO29				TRND-SO30				TRND-SO31				TRND-SO32			
Sample Id	NA-TRND-SO29-02				NA-TRND-SO30-01				NA-TRND-SO31-01				NA-TRND-SO32-01			
Log Date	17-MAR-98				17-MAR-98				17-MAR-98				16-MAR-98			
Beg. Depth - End Depth (in.)	3-12				0-3				0-3				0-3			
SW8290 - Dioxins, cont. (ppt)																
Total HxCDD	20.0		(1.40	) [1]	47.6	(1.90	) [1]	122	(1.90	) [1]	143	(0.800	) [1]	
Total HxCDF	8.70		(1.00	) [1]	72.0	(1.20	) [1]	132	(1.20	) [1]	202	(0.600	) [1]	
Total PeCDD	3.30		(1.10	) [1]	6.10	(1.20	) [1]	57.2	(1.40	) [1]	56.7	(0.600	) [1]	
Total PeCDF	10.6		(0.800	) [1]	31.4	(0.800	) [1]	134	(0.900	) [1]	154	(0.400	) [1]	
Total TCDD	4.40		(0.600	) [1]	7.70	(0.500	) [1]	39.5	(0.700	) [1]	60.7	(0.300	) [1]	
Total TCDF	7.00		(0.400	) [1]	10.5	(0.400	) [1]	104	(0.400	) [1]	98.0	(0.200	) [1]	
TOC (mg/kg)														
Total Organic Carbon	77900	K	(4070	) [1]	NA			NA			NA			

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter			
Site Id	**TRND**		
Location Id	**TRND-SO33**		
Sample Id	**NA-TRND-SO33-01**		
Log Date	**16-MAR-98**		
Beg. Depth - End Depth (in.)	**0-3**		
OLM03.2 - Pesticides and PCBs (ug/kg)			
4,4'-DDD	ND	(0.330) [1]	
4,4'-DDE	ND	(0.330) [1]	
4,4'-DDT	ND	(0.330) [1]	
Aldrin	ND	(0.330) [1]	
Aroclor-1016	ND	(0.330) [1]	
Aroclor-1221	ND	(0.330) [1]	
Aroclor-1232	ND	(0.330) [1]	
Aroclor-1242	ND	(0.330) [1]	
Aroclor-1248	ND	(0.330) [1]	
Aroclor-1254	ND	(0.330) [1]	
Aroclor-1260	ND	(0.330) [1]	
Dieldrin	ND	(0.330) [1]	
Endosulfan I	ND	(0.330) [1]	
Endosulfan II	ND	(0.330) [1]	
Endosulfan sulfate	ND	(0.330) [1]	
Endrin	ND	(0.330) [1]	
Endrin aldehyde	ND	(0.330) [1]	
Endrin ketone	ND	(0.330) [1]	
Heptachlor	ND	(0.330) [1]	
Heptachlor epoxide	ND	(0.330) [1]	
Methoxychlor	ND	(0.330) [1]	
Toxaphene	ND	(0.330) [1]	
alpha-BHC	ND	(0.330) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id: TRND Location Id: TRND-SO33 Sample Id: NA-TRND-SO33-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3		
OLM03.2 - Pesticides and PCBs, cont. (ug/kg)			
alpha-Chlordane	ND	(0.330	) [1]
beta-BHC	ND	(0.330	) [1]
delta-BHC	ND	(0.330	) [1]
gamma-BHC(Lindane)	ND	(0.330	) [1]
gamma-Chlordane	ND	(0.330	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/kg)			
1,2,4-Trichlorobenzene	ND	(65.0	) [1]
1,2-Dichlorobenzene	ND	(65.0	) [1]
1,3-Dichlorobenzene	ND	(65.0	) [1]
1,4-Dichlorobenzene	ND	(65.0	) [1]
2,2'-oxybis(1-chloropropane)	ND	(65.0	) [1]
2,4,5-Trichlorophenol	ND	(65.0	) [1]
2,4,6-Trichlorophenol	ND	(65.0	) [1]
2,4-Dichlorophenol	ND	(65.0	) [1]
2,4-Dimethylphenol	ND	(65.0	) [1]
2,4-Dinitrophenol	ND	(65.0	) [1]
2,4-Dinitrotoluene	ND	(65.0	) [1]
2,6-Dinitrotoluene	ND	(65.0	) [1]
2-Chloronaphthalene	ND	(65.0	) [1]
2-Chlorophenol	ND	(65.0	) [1]
2-Methylnaphthalene	ND	(65.0	) [1]
2-Nitroaniline	ND	(65.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter				Site Id: TRND Location Id: TRND-SO33 Sample Id: NA-TRND-SO33-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)				
2-Nitrophenol	ND	(65.0	) [1]	
3,3'-Dichlorobenzidine	ND	(65.0	) [1]	
3-Nitroaniline	ND	(65.0	) [1]	
4,6-Dinitro-2-methylphenol	ND	(65.0	) [1]	
4-Bromophenyl-phenylether	ND	(65.0	) [1]	
4-Chloro-3-methylphenol	ND	(65.0	) [1]	
4-Chloroaniline	ND	(65.0	) [1]	
4-Chlorophenyl-phenylether	ND	(65.0	) [1]	
4-Nitroanaline	ND	(65.0	) [1]	
4-Nitrophenol	ND	(65.0	) [1]	
Acenaphthene	ND	(65.0	) [1]	
Acenaphthylene	ND	(65.0	) [1]	
Anthracene	ND	(65.0	) [1]	
Benzo(a)anthracene	ND	(65.0	) [1]	
Benzo(a)pyrene	ND	(65.0	) [1]	
Benzo(b)fluoranthene	ND	(65.0	) [1]	
Benzo(g,h,i)perylene	ND	(65.0	) [1]	
Benzo(k)fluoranthene	ND	(65.0	) [1]	
Butylbenzylphthalate	ND	(65.0	) [1]	
Carbazole	ND	(65.0	) [1]	
Chrysene	ND	(65.0	) [1]	
Dibenz(a,h)anthracene	ND	(65.0	) [1]	
Dibenzofuran	ND	(65.0	) [1]	

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TRND Location Id: TRND-SO33 Sample Id: NA-TRND-SO33-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3	
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)			
Diethylphthalate	ND	(65.0	) [1]
Dimethylphthalate	ND	(65.0	) [1]
Fluoranthene	ND	(65.0	) [1]
Fluorene	ND	(65.0	) [1]
Hexachloro-1,3-butadiene	ND	(65.0	) [1]
Hexachlorobenzene	ND	(65.0	) [1]
Hexachlorocyclopentadiene	ND	(65.0	) [1]
Hexachloroethane	ND	(65.0	) [1]
Indeno(1,2,3-cd)pyrene	ND	(65.0	) [1]
Isophorone	ND	(65.0	) [1]
N-Nitroso-di-n-propylamine	ND	(65.0	) [1]
N-Nitrosodiphenylamine	ND	(65.0	) [1]
Naphthalene	ND	(65.0	) [1]
Nitrobenzene	ND	(65.0	) [1]
Pentachlorophenol	ND	(65.0	) [1]
Phenanthrene	ND	(65.0	) [1]
Phenol	ND	(65.0	) [1]
Pyrene	ND	(65.0	) [1]
bis(2-Chloroethoxy)methane	ND	(65.0	) [1]
bis(2-Chloroethyl)ether	ND	(65.0	) [1]
bis(2-Ethylhexyl)phthalate	140	(65.0	) [1]
di-n-Butylphthalate	230	(65.0	) [1]
di-n-Octylphthalate	ND	(65.0	) [1]

Compiled: 07/01[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 1

Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter				
Site Id	TRND			
Location Id	TRND-SO33			
Sample Id	NA-TRND-SO33-01			
Log Date	16-MAR-98			
Beg. Depth - End Depth (in.)	0-3			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/kg)				
o-Cresol	ND		(65.0	) [1]
p-Cresol	ND		(65.0	) [1]
SW8290 - Dioxins (ppt)				
1,2,3,4,6,7,8,9-OCDD	769		(2.70	) [1]
1,2,3,4,6,7,8,9-OCDF	115		(2.10	) [1]
1,2,3,4,6,7,8-HpCDD	153		(1.80	) [1]
1,2,3,4,6,7,8-HpCDF	129		(1.00	) [1]
1,2,3,4,7,8,9-HpCDF	19.6		(1.30	) [1]
1,2,3,4,7,8-HxCDD	9.20		(1.40	) [1]
1,2,3,4,7,8-HxCDF	47.3		(0.700	) [1]
1,2,3,6,7,8-HxCDD	16.5		(1.30	) [1]
1,2,3,6,7,8-HxCDF	22.4		(0.700	) [1]
1,2,3,7,8,9-HxCDD	23.8	J	(1.30	) [1]
1,2,3,7,8,9-HxCDF	2.50	J	(0.900	) [1]
1,2,3,7,8-PeCDD	6.80		(1.00	) [1]
1,2,3,7,8-PeCDF	11.2		(0.600	) [1]
2,3,4,6,7,8-HxCDF	42.6		(0.800	) [1]
2,3,4,7,8-PeCDF	16.9		(0.600	) [1]
2,3,7,8-TCDD	0.920	J	(0.500	) [1]
2,3,7,8-TCDF	9.70		(0.700	) [1]
Total HpCDD	316		(1.80	) [1]
Total HpCDF	229		(1.20	) [1]

Compiled: 07/01/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 1
Results of Organic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id: TRND Location Id: TRND-SO33 Sample Id: NA-TRND-SO33-01 Log Date: 16-MAR-98 Beg. Depth - End Depth (in.): 0-3	
SW8290 - Dioxins, cont. (ppt)			
Total HxCDD	238	(1.30	) [1]
Total HxCDF	257	(0.700	) [1]
Total PeCDD	124	(1.00	) [1]
Total PeCDF	211	(0.600	) [1]
Total TCDD	67.9	(0.500	) [1]
Total TCDF	146	(0.300	) [1]

Table 2

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)										
	DVCT				DVCT-SO01				NA-DVCT-SO01-31				09-MAR-98	0-3										
	DVCT				DVCT-SO01				NA-DVCT-SO01-02				09-MAR-98	3-12										
	DVCT				DVCT-SO02				NA-DVCT-SO02-01				09-MAR-98	0-3										
	DVCT				DVCT-SO02				NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01				09-MAR-98	0-3										
E160.3 - Percent Moisture (percent)																								
Percent moisture	19.3				0			[1]	36.8				0		[1]	9.00			0		[1]	7.40			0		[1]
ILM04.0 - Total Cyanide (mg/kg)																								
Cyanide	0.790				(0.190		)	[1]	0.970				(0.270		) [1]	0.560			(0.230		) [1]	0.530			(0.240		) [1]
ILMO4.0 - CLP Metals (mg/kg)																								
Aluminum	29800				(2.00		)	[1]	53700				(2.50		) [1]	7240			(1.80		) [1]	6530			(1.70		) [1]
Antimony	0.800	L			(0.490		)	[1]	1.20	L			(0.620		) [1]	ND	UL		(0.440		) [1]	ND	UL		(0.420		) [1]
Arsenic	3.30				(0.660		)	[1]	3.10				(0.820		) [1]	1.10			(0.590		) [1]	1.30			(0.560		) [1]
Barium	42.0	L			(0.160		)	[1]	81.0	L			(0.210		) [1]	13.7	L		(0.150		) [1]	12.1	L		(0.140		) [1]
Beryllium	ND				(0.160		)	[1]	ND				(0.210		) [1]	ND			(0.150		) [1]	ND			(0.140		) [1]
Cadmium	0.870	K			(0.160		)	[1]	1.30	K			(0.210		) [1]	0.270	K		(0.150		) [1]	0.270	K		(0.140		) [1]
Calcium	11200				(4.30		)	[1]	13400				(5.30		) [1]	4520			(3.80		) [1]	3130			(3.60		) [1]
Chromium	16.1				(0.160		)	[1]	25.4				(0.210		) [1]	5.00			(0.150		) [1]	5.80			(0.140		) [1]
Cobalt	10.9				(0.160		)	[1]	20.4				(0.210		) [1]	2.30			(0.150		) [1]	2.20			(0.140		) [1]
Copper	50.9				(0.160		)	[1]	110				(0.210		) [1]	11.9			(0.150		) [1]	10.8			(0.140		) [1]
Iron	25700				(2.30		)	[1]	43600				(2.90		) [1]	6130			(2.10		) [1]	6090			(2.00		) [1]
Lead	23.8				(0.330		)	[1]	19.1				(0.410		) [1]	17.4			(0.290		) [1]	17.6			(0.280		) [1]
Magnesium	5360				(1.50		)	[1]	9040				(1.80		) [1]	1420			(1.30		) [1]	1370			(1.30		) [1]
Manganese	452				(0.160		)	[1]	813				(0.210		) [1]	89.2			(0.150		) [1]	76.4			(0.140		) [1]
Mercury	0.150				(0.0200		)	[1]	0.120				(0.0200		) [1]	0.0300			(0.0200		) [1]	ND			(0.0200		) [1]
Nickel	14.7				(0.160		)	[1]	24.7				(0.210		) [1]	4.20			(0.150		) [1]	4.60			(0.140		) [1]
Potassium	680				(0.980		)	[1]	417				(1.20		) [1]	309			(0.880		) [1]	252			(0.840		) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	DVCT DVCT-SO01 NA-DVCT-SO01-31 09-MAR-98 0-3				DVCT DVCT-SO01 NA-DVCT-SO01-02 09-MAR-98 3-12				DVCT DVCT-SO02 NA-DVCT-SO02-01 09-MAR-98 0-3				DVCT DVCT-SO02 NA-DVCT-SO02-11 Dup of NA-DVCT-SO02-01 09-MAR-98 0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																	
Selenium	ND	UL	(0.330	) [1]	ND	UL	(0.410	) [1]	ND	UL	(0.290	) [1]	ND	UL	(0.280	) [1]
Silver	0.190		(0.160	) [1]	ND		(0.210	) [1]	ND		(0.150	) [1]	ND		(0.140	) [1]
Sodium	1200		(16.4	) [1]	2100		(20.5	) [1]	340		(14.7	) [1]	364		(14.0	) [1]
Thallium	0.790		(0.660	) [1]	2.00		(0.820	) [1]	ND		(0.590	) [1]	ND		(0.560	) [1]
Vanadium	91.9		(0.160	) [1]	174		(0.210	) [1]	19.1		(0.150	) [1]	19.1		(0.140	) [1]
Zinc	113		(0.160	) [1]	88.2		(0.210	) [1]	119		(0.150	) [1]	97.3		(0.140	) [1]
SW9045C - pH (pH units)																	
pH	6.83		(0.0100	) [1]	6.67		(0.0100	) [1]	5.43		(0.0100	) [1]	5.25		(0.0100	) [1]

Compiled: 06/29/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	DVCT			DVCT			DVCT			DVCT							
Location Id	DVCT-SO03			DVCT-SO03			DVCT-SO04			DVCT-SO05							
Sample Id	NA-DVCT-SO03-01			NA-DVCT-SO03-02			NA-DVCT-SO04-01			NA-DVCT-SO05-01							
Log Date	09-MAR-98			09-MAR-98			09-MAR-98			09-MAR-98							
Beg. Depth - End Depth (in.)	0-3			3-12			0-3			0-3							
D422 - Particle Size Distribution (%)																	
%Clay	NA			NA			0.200	0	[1]	NA							
%Gravel	NA			NA			17.9	0	[1]	NA							
%Sand	NA			NA			80.6	0	[1]	NA							
%Silt	NA			NA			1.30	0	[1]	NA							
Mean Particle Size(mm)	NA			NA			0.600	0	[1]	NA							
E160.3 - Percent Moisture (percent)																	
Percent moisture	6.30		0	[1]	6.80		0	[1]	12.0		0	[1]	20.4		0	[1]	
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	0.430		(0.160	) [1]	0.370		(0.170	) [1]	0.540		(0.220	) [1]	0.700		(0.260	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	16200		(1.70	) [1]	22700		(1.70	) [1]	15600		(1.80	) [1]	35300		(2.00	) [1]	
Antimony	ND	UL	(0.420	) [1]	ND	UL	(0.430	) [1]	ND	UL	(0.450	) [1]	0.630	L	(0.490	) [1]	
Arsenic	3.30		(0.550	) [1]	2.40		(0.570	) [1]	3.60		(0.610	) [1]	2.70		(0.660	) [1]	
Barium	17.6	L	(0.140	) [1]	31.1	L	(0.140	) [1]	14.8	L	(0.150	) [1]	48.7	L	(0.160	) [1]	
Beryllium	ND		(0.140	) [1]	ND		(0.140	) [1]	ND		(0.150	) [1]	ND		(0.160	) [1]	
Cadmium	0.430	K	(0.140	) [1]	0.520	K	(0.140	) [1]	0.370	K	(0.150	) [1]	1.10	K	(0.160	) [1]	
Calcium	10800		(3.60	) [1]	27000		(3.70	) [1]	12200		(3.90	) [1]	7780		(4.30	) [1]	
Chromium	7.80		(0.140	) [1]	11.2		(0.140	) [1]	6.40		(0.150	) [1]	18.3		(0.160	) [1]	
Cobalt	4.50		(0.140	) [1]	5.90		(0.140	) [1]	4.00		(0.150	) [1]	13.7		(0.160	) [1]	
Copper	14.2		(0.140	) [1]	18.1		(0.140	) [1]	8.20		(0.150	) [1]	67.3		(0.160	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	DVCT				DVCT				DVCT				DVCT			
Location Id	DVCT-SO03				DVCT-SO03				DVCT-SO04				DVCT-SO05			
Sample Id	NA-DVCT-SO03-01				NA-DVCT-SO03-02				NA-DVCT-SO04-01				NA-DVCT-SO05-01			
Log Date	09-MAR-98				09-MAR-98				09-MAR-98				09-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Iron	14400		(1.90	) [1]	17200		(2.00	) [1]	14500		(2.10	) [1]	30100		(2.30	) [1]
Lead	3.80		(0.280	) [1]	3.50		(0.280	) [1]	3.10		(0.300	) [1]	14.5		(0.330	) [1]
Magnesium	2800		(1.20	) [1]	5210		(1.30	) [1]	3050		(1.40	) [1]	6110		(1.50	) [1]
Manganese	203		(0.140	) [1]	283		(0.140	) [1]	167		(0.150	) [1]	557		(0.160	) [1]
Mercury	ND		(0.0200	) [1]	ND		(0.0200	) [1]	ND		(0.0200	) [1]	0.0300		(0.0200	) [1]
Nickel	6.30		(0.140	) [1]	9.60		(0.140	) [1]	6.00		(0.150	) [1]	18.1		(0.160	) [1]
Potassium	669		(0.830	) [1]	852		(0.850	) [1]	755		(0.910	) [1]	456		(0.990	) [1]
Selenium	ND	UL	(0.280	) [1]	ND	UL	(0.280	) [1]	ND	UL	(0.300	) [1]	ND	UL	(0.330	) [1]
Silver	ND		(0.140	) [1]	ND		(0.140	) [1]	ND		(0.150	) [1]	0.200		(0.160	) [1]
Sodium	864		(13.9	) [1]	1480		(14.2	) [1]	1010		(15.2	) [1]	991		(16.4	) [1]
Thallium	ND		(0.550	) [1]	0.580		(0.570	) [1]	ND		(0.610	) [1]	ND		(0.660	) [1]
Vanadium	43.0		(0.140	) [1]	56.1		(0.140	) [1]	40.8		(0.150	) [1]	117		(0.160	) [1]
Zinc	30.1		(0.140	) [1]	35.1		(0.140	) [1]	26.5		(0.150	) [1]	58.5		(0.160	) [1]
SW9045C - pH (pH units)																
pH	5.57		(0.0100	) [1]	8.90		(0.0100	) [1]	9.14		(0.0100	) [1]	6.76		(0.0100	) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	DVCT			DVCT			DVCT			DVCT							
Location Id	DVCT-SO05			DVCT-SO06			DVCT-SO07			DVCT-SO07							
Sample Id	NA-DVCT-SO05-02			NA-DVCT-SO06-01			NA-DVCT-SO07-01			NA-DVCT-SO07-02							
Log Date	09-MAR-98			09-MAR-98			09-MAR-98			09-MAR-98							
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			3-12							
D422 - Particle Size Distribution (%)																	
%Clay	NA			4.80		0	[1]	NA					NA				
%Gravel	NA			1.30		0	[1]	NA					NA				
%Sand	NA			84.6		0	[1]	NA					NA				
%Silt	NA			9.30		0	[1]	NA					NA				
Mean Particle Size(mm)	NA			0.514		0	[1]	NA					NA				
E160.3 - Percent Moisture (percent)																	
Percent moisture	39.0		0	[1]	39.8		0	[1]	6.70		0	[1]	22.0		0	[1]	
E300 - Anions (mg/kg)																	
Chloride	NA			1.15		(0.830	) [1]	NA					NA				
Fluoride	NA			2.04		(0.410	) [1]	NA					NA				
Sulfate	NA			7.28		(0.830	) [1]	NA					NA				
E353.2 - Nitrate (mg/kg)																	
Nitrate	NA			6.36		(0.830	) [1]	NA					NA				
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	0.970		(0.360	) [1]	0.970		(0.340	) [1]	0.440		(0.250	) [1]	0.600		(0.230	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	60300		(2.60	) [1]	28700		(2.60	) [1]	9490		(1.70	) [1]	43300		(2.00	) [1]	
Antimony	0.840	L	(0.660	) [1]	ND	UL	(0.660	) [1]	ND	UL	(0.430	) [1]	0.830	L	(0.500	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	DVCT				DVCT				DVCT				DVCT			
Location Id	DVCT-SO05				DVCT-SO06				DVCT-SO07				DVCT-SO07			
Sample Id	NA-DVCT-SO05-02				NA-DVCT-SO06-01				NA-DVCT-SO07-01				NA-DVCT-SO07-02			
Log Date	09-MAR-98				09-MAR-98				09-MAR-98				09-MAR-98			
Beg. Depth - End Depth (in.)	3-12				0-3				0-3				3-12			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	3.40		(0.870	) [1]	3.30		(0.880	) [1]	2.70		(0.570	) [1]	4.30		(0.670	) [1]
Barium	81.9	L	(0.220	) [1]	51.1	L	(0.220	) [1]	14.6		(0.140	) [1]	118	L	(0.170	) [1]
Beryllium	ND		(0.220	) [1]	ND		(0.220	) [1]	ND		(0.140	) [1]	ND		(0.170	) [1]
Cadmium	1.60	K	(0.220	) [1]	0.870	K	(0.220	) [1]	ND		(0.140	) [1]	1.30	K	(0.170	) [1]
Calcium	10900		(5.70	) [1]	7900		(5.70	) [1]	7420		(3.70	) [1]	12000		(4.30	) [1]
Chromium	29.3		(0.220	) [1]	17.7		(0.220	) [1]	5.80		(0.140	) [1]	20.6		(0.170	) [1]
Cobalt	23.8		(0.220	) [1]	11.9		(0.220	) [1]	3.60		(0.140	) [1]	15.7		(0.170	) [1]
Copper	127		(0.220	) [1]	55.0		(0.220	) [1]	9.20		(0.140	) [1]	84.2		(0.170	) [1]
Iron	50100		(3.10	) [1]	26400		(3.10	) [1]	10700		(2.00	) [1]	37000		(2.30	) [1]
Lead	14.7		(0.440	) [1]	13.6		(0.440	) [1]	3.30		(0.290	) [1]	13.9		(0.330	) [1]
Magnesium	9810		(2.00	) [1]	6020		(2.00	) [1]	2400		(1.30	) [1]	7990		(1.50	) [1]
Manganese	939		(0.220	) [1]	470		(0.220	) [1]	153		(0.140	) [1]	659		(0.170	) [1]
Mercury	0.0500		(0.0300	) [1]	0.0500		(0.0300	) [1]	ND		(0.0200	) [1]	0.0800		(0.0200	) [1]
Nickel	29.1		(0.220	) [1]	17.0		(0.220	) [1]	5.90		(0.140	) [1]	21.8		(0.170	) [1]
Potassium	382		(1.30	) [1]	637		(1.30	) [1]	510		(0.860	) [1]	1370		(1.00	) [1]
Selenium	ND	UL	(0.440	) [1]	ND	UL	(0.440	) [1]	ND		(0.290	) [1]	ND	UL	(0.330	) [1]
Silver	ND		(0.220	) [1]	ND		(0.220	) [1]	ND		(0.140	) [1]	0.180		(0.170	) [1]
Sodium	1640		(21.9	) [1]	640		(22.0	) [1]	459		(14.3	) [1]	1500		(16.7	) [1]
Thallium	2.40		(0.870	) [1]	ND		(0.880	) [1]	0.600	L	(0.570	) [1]	1.80		(0.670	) [1]
Vanadium	207		(0.220	) [1]	101		(0.220	) [1]	26.8		(0.140	) [1]	127		(0.170	) [1]
Zinc	70.6		(0.220	) [1]	63.2		(0.220	) [1]	45.6		(0.140	) [1]	75.5		(0.170	) [1]

Compiled: 06/29/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		DVCT DVCT-SO05 NA-DVCT-SO05-02 09-MAR-98 3-12		DVCT DVCT-SO06 NA-DVCT-SO06-01 09-MAR-98 0-3		DVCT DVCT-SO07 NA-DVCT-SO07-01 09-MAR-98 0-3		DVCT DVCT-SO07 NA-DVCT-SO07-02 09-MAR-98 3-12	
SW9045C - pH (pH units)									
pH	6.72	(0.0100	) [1]	7.28	(0.0100) [1]	8.61	(0.0100) [1]	7.52	(0.0100) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	DVCT			ELEM			ELEM			ELEM							
Location Id	DVCT-SO08			ELEM-SO01			ELEM-SO01			ELEM-SO02							
Sample Id	NA-DVCT-SO08-01			NA-ELEM-SO01-01			NA-ELEM-SO01-02			NA-ELEM-SO02-01							
Log Date	09-MAR-98			08-MAR-98			08-MAR-98			08-MAR-98							
Beg. Depth - End Depth (in.)	0-3			0-3			3-12			0-3							
D422 - Particle Size Distribution (%)																	
%Clay	NA			NA			NA			0.800		0	[1]				
%Gravel	NA			NA			NA			15.7		0	[1]				
%Sand	NA			NA			NA			81.8		0	[1]				
%Silt	NA			NA			NA			1.70		0	[1]				
Mean Particle Size(mm)	NA			NA			NA			0.610		0	[1]				
E160.3 - Percent Moisture (percent)																	
Percent moisture	25.2		0	[1]	3.60		0	[1]	8.90		0	[1]	10.5		0	[1]	
E300 - Anions (mg/kg)																	
Chloride	NA			NA			NA			0.665		(0.550	) [1]				
Fluoride	NA			NA			NA			ND		(0.270	) [1]				
Sulfate	NA			NA			NA			ND		(1.12	) [1]				
E353.2 - Nitrate (mg/kg)																	
Nitrate	NA			NA			NA			0.712		(0.550	) [1]				
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	0.690		(0.310	) [1]	ND		(0.250	) [1]	ND		(0.260	) [1]	ND		(0.250	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	44000		(2.10	) [1]	15500		(1.60	) [1]	15000		(1.70	) [1]	10200		(1.80	) [1]	
Antimony	1.80	J	(0.520	) [1]	0.460	J	(0.410	) [1]	0.490	J	(0.420	) [1]	ND	UL	(0.460	) [1]	

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)															
	DVCT / DVCT-SO08 / NA-DVCT-SO08-01 / 09-MAR-98 / 0-3				ELEM / ELEM-SO01 / NA-ELEM-SO01-01 / 08-MAR-98 / 0-3				ELEM / ELEM-SO01 / NA-ELEM-SO01-02 / 08-MAR-98 / 3-12				ELEM / ELEM-SO02 / NA-ELEM-SO02-01 / 08-MAR-98 / 0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	3.70		(0.690	) [1]	4.10		(0.550	) [1]	2.90		(0.570	) [1]	3.60		(0.610	) [1]
Barium	79.6	K	(0.170	) [1]	15.2	K	(0.140	) [1]	17.8	K	(0.140	) [1]	13.5	K	(0.150	) [1]
Beryllium	0.210		(0.170	) [1]	ND		(0.140	) [1]	ND		(0.140	) [1]	ND		(0.150	) [1]
Cadmium	0.720	K	(0.170	) [1]	0.230	K	(0.140	) [1]	0.220	K	(0.140	) [1]	0.160	K	(0.150	) [1]
Calcium	11600		(4.50	) [1]	10600		(3.60	) [1]	7270		(3.70	) [1]	9570		(4.00	) [1]
Chromium	26.1		(0.170	) [1]	8.00		(0.140	) [1]	8.90		(0.140	) [1]	5.10		(0.150	) [1]
Cobalt	17.3		(0.170	) [1]	6.20		(0.140	) [1]	6.80		(0.140	) [1]	3.10		(0.150	) [1]
Copper	92.0		(0.170	) [1]	20.9		(0.140	) [1]	34.8		(0.140	) [1]	7.10		(0.150	) [1]
Iron	38700		(2.40	) [1]	16400		(1.90	) [1]	16700		(2.00	) [1]	10000		(2.10	) [1]
Lead	21.4		(0.350	) [1]	3.10		(0.270	) [1]	3.10		(0.280	) [1]	3.00		(0.300	) [1]
Magnesium	7400		(1.60	) [1]	5040		(1.20	) [1]	5220		(1.30	) [1]	2140		(1.40	) [1]
Manganese	767		(0.170	) [1]	255		(0.140	) [1]	262		(0.140	) [1]	162		(0.150	) [1]
Mercury	0.0500		(0.0200	) [1]	ND		(0.0200	) [1]	ND		(0.0200	) [1]	ND		(0.0200	) [1]
Nickel	24.0		(0.350	) [1]	8.40		(0.270	) [1]	8.80		(0.280	) [1]	4.90		(0.300	) [1]
Potassium	1000		(1.00	) [1]	688		(0.820	) [1]	767		(0.850	) [1]	553		(0.910	) [1]
Selenium	0.400	L	(0.350	) [1]	ND	UL	(0.280	) [1]	ND	UL	(0.280	) [1]	ND	UL	(0.300	) [1]
Silver	0.290		(0.170	) [1]	ND		(0.140	) [1]	ND		(0.140	) [1]	ND		(0.150	) [1]
Sodium	1070		(17.3	) [1]	821		(13.7	) [1]	895		(14.2	) [1]	601		(15.2	) [1]
Thallium	ND	UL	(0.690	) [1]	ND	UL	(0.550	) [1]	ND	UL	(0.570	) [1]	ND	UL	(0.610	) [1]
Vanadium	151		(0.170	) [1]	47.4		(0.140	) [1]	51.7		(0.140	) [1]	25.1		(0.150	) [1]
Zinc	125		(0.170	) [1]	30.9		(0.140	) [1]	32.2		(0.140	) [1]	22.2		(0.150	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		DVCT DVCT-SO08 NA-DVCT-SO08-01 09-MAR-98 0-3		ELEM ELEM-SO01 NA-ELEM-SO01-01 08-MAR-98 0-3		ELEM ELEM-SO01 NA-ELEM-SO01-02 08-MAR-98 3-12		ELEM ELEM-SO02 NA-ELEM-SO02-01 08-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	6.97	(0.0100	) [1]	8.43	(0.0100) [1]	8.48	(0.0100) [1]	8.66	(0.0100) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)														
	ELEM / ELEM-SO02 / NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 / 08-MAR-98 / 0-3						ELEM / ELEM-SO03 / NA-ELEM-SO03-01 / 08-MAR-98 / 0-3						ELEM / ELEM-SO03 / NA-ELEM-SO03-02 / 08-MAR-98 / 3-12						ELEM / ELEM-SO04 / NA-ELEM-SO04-01 / 08-MAR-98 / 0-3					
D422 - Particle Size Distribution (%)																								
%Clay	NA						NA						NA						4.10		0			[1]
%Gravel	NA						NA						NA						2.30		0			[1]
%Sand	NA						NA						NA						80.7		0			[1]
%Silt	NA						NA						NA						12.9		0			[1]
Mean Particle Size(mm)	NA						NA						NA						0.326		0			[1]
E160.3 - Percent Moisture (percent)																								
Percent moisture	10.0			0		[1]	25.9			0		[1]	27.5			0		[20]	21.5			0		[1]
E300 - Anions (mg/kg)																								
Chloride	NA						NA						NA						8.17		(	0.630	)	[1]
Fluoride	NA						NA						NA						1.63		(	0.310	)	[1]
Sulfate	NA						NA						NA						13.4		(	0.630	)	[1]
E353.2 - Nitrate (mg/kg)																								
Nitrate	NA						NA						NA						16.3		(	1.27	)	[2]
ILM04.0 - Total Cyanide (mg/kg)																								
Cyanide	ND		(	0.260	)	[1]	ND		(	0.270	)	[1]	ND		(	0.340	)	[1]	ND		(	0.300	)	[1]
ILMO4.0 - CLP Metals (mg/kg)																								
Aluminum	8290		(	1.60	)	[1]	38100		(	2.10	)	[1]	52000		(	2.10	)	[1]	24500		(	1.90	)	[1]
Antimony	ND	UL	(	0.400	)	[1]	0.990	J	(	0.520	)	[1]	1.20	J	(	0.530	)	[1]	0.490	J	(	0.470	)	[1]

Compiled: 06/29/98

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Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																		
Site Id	ELEM				ELEM				ELEM				ELEM					
Location Id	ELEM-SO02				ELEM-SO03				ELEM-SO03				ELEM-SO04					
Sample Id	NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01				NA-ELEM-SO03-01				NA-ELEM-SO03-02				NA-ELEM-SO04-01					
Log Date	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98					
Beg. Depth - End Depth (in.)	0-3				0-3				3-12				0-3					
ILMO4.0 - CLP Metals, cont. (mg/kg)																		
Arsenic	5.40		(0.540	) [1]	3.90		(0.700	) [1]	3.40		(0.710	) [1]	3.80		(0.620	) [1]		
Barium	12.5	K	(0.130	) [1]	63.2	K	(0.170	) [1]	101	K	(0.180	) [1]	35.0	K	(0.160	) [1]		
Beryllium	ND		(0.130	) [1]	0.240		(0.170	) [1]	0.270		(0.180	) [1]	ND		(0.160	) [1]		
Cadmium	0.140	K	(0.130	) [1]	0.590	K	(0.170	) [1]	0.900	K	(0.180	) [1]	0.380	K	(0.160	) [1]		
Calcium	18700		(3.50	) [1]	13700		(4.50	) [1]	10400		(4.60	) [1]	10300		(4.00	) [1]		
Chromium	4.90		(0.130	) [1]	18.0		(0.170	) [1]	22.4		(0.180	) [1]	10.2		(0.160	) [1]		
Cobalt	2.90		(0.130	) [1]	14.0		(0.170	) [1]	20.2		(0.180	) [1]	7.70		(0.160	) [1]		
Copper	7.80		(0.130	) [1]	67.5		(0.170	) [1]	99.8		(0.180	) [1]	26.7		(0.160	) [1]		
Iron	10400		(1.90	) [1]	31700		(2.40	) [1]	43200		(2.50	) [1]	19600		(2.20	) [1]		
Lead	2.70		(0.270	) [1]	16.0		(0.350	) [1]	25.0		(0.350	) [1]	7.50		(0.310	) [1]		
Magnesium	2160		(1.20	) [1]	6210		(1.60	) [1]	8280		(1.60	) [1]	5480		(1.40	) [1]		
Manganese	128		(0.130	) [1]	592		(0.170	) [1]	862		(0.180	) [1]	360		(0.160	) [1]		
Mercury	ND		(0.0200	) [1]	0.0400		(0.0200	) [1]	0.0600		(0.0200	) [1]	ND		(0.0200	) [1]		
Nickel	4.20		(0.270	) [1]	17.3		(0.350	) [1]	24.5		(0.350	) [1]	13.6		(0.310	) [1]		
Potassium	492		(0.800	) [1]	890		(1.00	) [1]	678		(1.10	) [1]	1060		(0.930	) [1]		
Selenium	ND	UL	(0.270	) [1]	ND	UL	(0.350	) [1]	ND	UL	(0.350	) [1]	ND	UL	(0.310	) [1]		
Silver	ND		(0.130	) [1]	0.180		(0.170	) [1]	0.270		(0.180	) [1]	ND		(0.160	) [1]		
Sodium	502		(13.4	) [1]	613		(17.4	) [1]	816		(17.7	) [1]	1190		(15.5	) [1]		
Thallium	ND	UL	(0.530	) [1]	ND	UL	(0.700	) [1]	1.10	L	(0.710	) [1]	ND	UL	(0.620	) [1]		
Vanadium	25.9		(0.130	) [1]	117		(0.170	) [1]	166		(0.180	) [1]	56.4		(0.160	) [1]		
Zinc	22.1		(0.130	) [1]	66.6		(0.170	) [1]	90.6		(0.180	) [1]	51.5		(0.160	) [1]		

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		ELEM ELEM-SO02 NA-ELEM-SO02-11 Dup of NA-ELEM-SO02-01 08-MAR-98 0-3		ELEM ELEM-SO03 NA-ELEM-SO03-01 08-MAR-98 0-3		ELEM ELEM-SO03 NA-ELEM-SO03-02 08-MAR-98 3-12		ELEM ELEM-SO04 NA-ELEM-SO04-01 08-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	8.78	(0.0100	) [1]	7.40	(0.0100) [1]	7.58	(0.0100) [1]	7.53	(0.0100) [1]

Compiled: 06/29/98

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Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter			ELEM ELEM-SO05 NA-ELEM-SO05-01 08-MAR-98 0-3			ELEM ELEM-SO05 NA-ELEM-SO05-02 08-MAR-98 3-12			ELEM ELEM-SO06 NA-ELEM-SO06-01 08-MAR-98 0-3			ELEM ELEM-SO07 NA-ELEM-SO07-01 08-MAR-98 0-3		
E160.3 - Percent Moisture (percent)														
Percent moisture	5.70		0	[1]	9.90		0	[1]	8.90		0	[1]	50.2		0	[1]
ILM04.0 - Total Cyanide (mg/kg)														
Cyanide	ND		(0.260	) [1]	ND		(0.270	) [1]	ND		(0.220	) [1]	ND		(0.480	) [1]
ILMO4.0 - CLP Metals (mg/kg)														
Aluminum	19000		(1.60	) [1]	17000		(1.70	) [1]	15400		(1.60	) [1]	72600		(2.80	) [1]
Antimony	0.460	J	(0.410	) [1]	ND	UL	(0.440	) [1]	ND	UL	(0.400	) [1]	2.50	J	(0.710	) [1]
Arsenic	1.80		(0.550	) [1]	2.80		(0.580	) [1]	3.40		(0.540	) [1]	6.50		(0.940	) [1]
Barium	18.8	K	(0.140	) [1]	39.4	K	(0.150	) [1]	18.2	K	(0.130	) [1]	143	K	(0.240	) [1]
Beryllium	ND		(0.140	) [1]	0.180		(0.150	) [1]	ND		(0.130	) [1]	0.350		(0.240	) [1]
Cadmium	0.250	K	(0.140	) [1]	0.220	K	(0.150	) [1]	0.230	K	(0.130	) [1]	1.30	K	(0.240	) [1]
Calcium	11400		(3.60	) [1]	20200		(3.80	) [1]	14300		(3.50	) [1]	13100		(6.10	) [1]
Chromium	11.4		(0.140	) [1]	6.80		(0.150	) [1]	7.90		(0.130	) [1]	51.4		(0.240	) [1]
Cobalt	8.10		(0.140	) [1]	4.50		(0.150	) [1]	5.50		(0.130	) [1]	27.6		(0.240	) [1]
Copper	29.1		(0.140	) [1]	9.60		(0.150	) [1]	15.6		(0.130	) [1]	152		(0.240	) [1]
Iron	19800		(1.90	) [1]	14200		(2.00	) [1]	15400		(1.90	) [1]	64100		(3.30	) [1]
Lead	3.70		(0.280	) [1]	3.20		(0.290	) [1]	3.30		(0.270	) [1]	61.5		(0.470	) [1]
Magnesium	7790		(1.20	) [1]	3490		(1.30	) [1]	4240		(1.20	) [1]	9370		(2.10	) [1]
Manganese	294		(0.140	) [1]	218		(0.150	) [1]	218		(0.130	) [1]	1140		(0.240	) [1]
Mercury	ND		(0.0200	) [1]	ND		(0.0200	) [1]	ND		(0.0200	) [1]	0.130		(0.0300	) [1]
Nickel	14.1		(0.280	) [1]	6.70		(0.290	) [1]	7.80		(0.270	) [1]	37.5		(0.470	) [1]
Potassium	640		(0.830	) [1]	734		(0.870	) [1]	612		(0.810	) [1]	1020		(1.40	) [1]

Compiled: 06/29/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	ELEM				ELEM				ELEM				ELEM				ELEM			
	ELEM-SO05				ELEM-SO05				ELEM-SO06				ELEM-SO07							
	NA-ELEM-SO05-01				NA-ELEM-SO05-02				NA-ELEM-SO06-01				NA-ELEM-SO07-01							
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98							
	0-3				3-12				0-3				0-3							
ILMO4.0 - CLP Metals, cont. (mg/kg)																				
Selenium	ND	UL	(0.280	) [1]	ND	UL	(0.290	) [1]	ND	UL	(0.270	) [1]	0.910	L	(0.470	) [1]				
Silver	ND		(0.140	) [1]	ND		(0.150	) [1]	ND		(0.130	) [1]	0.500		(0.240	) [1]				
Sodium	781		(13.8	) [1]	987		(14.5	) [1]	872		(13.5	) [1]	569		(23.6	) [1]				
Thallium	ND	UL	(0.550	) [1]	ND	UL	(0.580	) [1]	ND	UL	(0.540	) [1]	1.60	L	(0.940	) [1]				
Vanadium	60.2		(0.140	) [1]	39.9		(0.150	) [1]	46.0		(0.130	) [1]	263		(0.240	) [1]				
Zinc	37.4		(0.140	) [1]	27.3		(0.150	) [1]	30.0		(0.130	) [1]	274		(0.240	) [1]				
SW9045C - pH (pH units)																				
pH	8.70		(0.0100	) [1]	8.89		(0.0100	) [1]	8.98		(0.0100	) [1]	6.76		(0.0100	) [1]				

Compiled: 06/29/98

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Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12				ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3				REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3				REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3			
D422 - Particle Size Distribution (%)																	
%Clay	NA				NA				3.60		0	[1]	NA				
%Gravel	NA				NA				0.400		0	[1]	NA				
%Sand	NA				NA				72.0		0	[1]	NA				
%Silt	NA				NA				24.0		0	[1]	NA				
Mean Particle Size(mm)	NA				NA				0.259		0	[1]	NA				
E160.3 - Percent Moisture (percent)																	
Percent moisture	50.3		0	[1]	36.1		0	[1]	36.9		0	[1]	31.0		0	[1]	
E300 - Anions (mg/kg)																	
Chloride	NA				NA				2.11		(0.790	) [1]	2.26		(0.720	) [1]	
Fluoride	NA				NA				0.763		(0.390	) [1]	ND		(0.360	) [1]	
Sulfate	NA				NA				17.9		(0.790	) [1]	42.3		(0.720	) [1]	
E353.2 - Nitrate (mg/kg)																	
Nitrate	NA				NA				6.40		(0.790	) [1]	3.33		(0.720	) [1]	
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	ND		(0.470	) [1]	ND		(0.360	) [1]	0.600		(0.380	) [1]	ND		(0.350	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	91600		(3.10	) [1]	54100		(2.40	) [1]	39900		(2.50	) [1]	49100		(2.10	) [1]	
Antimony	2.20	J	(0.770	) [1]	1.50	J	(0.590	) [1]	1.50	J	(0.620	) [1]	1.40	J	(0.520	) [1]	

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter				ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12				ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3				REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3				REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																			
Arsenic	5.30		(1.00	) [1]	3.10		(0.780	) [1]	3.70		(0.830	) [1]	3.50		(0.700	) [1]
Barium	68.9	K	(0.260	) [1]	80.4	K	(0.200	) [1]	96.9	K	(0.210	) [1]	65.9	K	(0.170	) [1]
Beryllium	0.360		(0.260	) [1]	ND		(0.200	) [1]	0.250		(0.210	) [1]	ND		(0.170	) [1]
Cadmium	1.00	K	(0.260	) [1]	0.890	K	(0.200	) [1]	0.760	K	(0.210	) [1]	0.690	K	(0.170	) [1]
Calcium	5760		(6.70	) [1]	9890		(5.10	) [1]	12800		(5.40	) [1]	11500		(4.50	) [1]
Chromium	58.7		(0.260	) [1]	26.7		(0.200	) [1]	30.3		(0.210	) [1]	26.4		(0.170	) [1]
Cobalt	36.9		(0.260	) [1]	22.9		(0.200	) [1]	19.6		(0.210	) [1]	21.7		(0.170	) [1]
Copper	183		(0.260	) [1]	117		(0.200	) [1]	90.0		(0.210	) [1]	100		(0.170	) [1]
Iron	80900		(3.60	) [1]	47400		(2.70	) [1]	38000		(2.90	) [1]	43400		(2.40	) [1]
Lead	31.9		(0.510	) [1]	14.5		(0.390	) [1]	39.7		(0.410	) [1]	27.8		(0.350	) [1]
Magnesium	11800		(2.30	) [1]	9970		(1.80	) [1]	11300		(1.90	) [1]	11300		(1.60	) [1]
Manganese	1360		(0.260	) [1]	871		(0.200	) [1]	682		(0.210	) [1]	767		(0.170	) [1]
Mercury	0.0600		(0.0300	) [1]	0.0700		(0.0200	) [1]	0.120		(0.0300	) [1]	0.0900		(0.0200	) [1]
Nickel	46.9		(0.510	) [1]	29.1		(0.390	) [1]	33.9		(0.410	) [1]	30.5		(0.350	) [1]
Potassium	520		(1.50	) [1]	554		(1.20	) [1]	525		(1.20	) [1]	372		(1.00	) [1]
Selenium	ND	UL	(0.510	) [1]	0.510	L	(0.390	) [1]	0.610	L	(0.410	) [1]	0.610	L	(0.350	) [1]
Silver	0.470		(0.260	) [1]	0.280		(0.200	) [1]	0.300		(0.210	) [1]	0.270		(0.170	) [1]
Sodium	530		(25.6	) [1]	1210		(19.6	) [1]	1670		(20.7	) [1]	1990		(17.5	) [1]
Thallium	3.00	L	(1.00	) [1]	1.40	L	(0.780	) [1]	1.30	L	(0.830	) [1]	0.930		(0.700	) [1]
Vanadium	359		(0.260	) [1]	192		(0.200	) [1]	148		(0.210	) [1]	176	L	(0.170	) [1]
Zinc	93.6		(0.260	) [1]	65.7		(0.200	) [1]	124		(0.210	) [1]	78.4		(0.170	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		ELEM ELEM-SO07 NA-ELEM-SO07-02 08-MAR-98 3-12		ELEM ELEM-SO08 NA-ELEM-SO08-01 08-MAR-98 0-3		REF1 REF1-SO01 NA-REF1-SO01-31 07-MAR-98 0-3		REF1 REF1-SO02 NA-REF1-SO02-01 07-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	7.03	(0.0100	) [1]	6.74	(0.0100) [1]	6.32	(0.0100	) [1]	6.25	(0.0100	) [1]

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	REF1			REF1			REF1			REF1							
Location Id	REF1-SO02			REF1-SO02			REF1-SO03			REF1-SO04							
Sample Id	NA-REF1-SO02-02			NA-REF1-SO02-12 Dup of NA-REF1-SO02-02			NA-REF1-SO03-01			NA-REF1-SO04-01							
Log Date	07-MAR-98			07-MAR-98			07-MAR-98			07-MAR-98							
Beg. Depth - End Depth (in.)	3-12			3-12			0-3			0-3							
E160.3 - Percent Moisture (percent)																	
Percent moisture	34.5		0	[1]	33.9		0	[1]	40.0		0	[20]	38.4		0	[1]	
E300 - Anions (mg/kg)																	
Chloride	4.30		(0.760	) [1]	3.10		(0.750	) [1]	3.76		(0.830	) [1]	1.56		(0.810	) [1]	
Fluoride	ND		(0.380	) [1]	ND		(0.370	) [1]	ND		(0.410	) [1]	ND		(0.400	) [1]	
Sulfate	118		(0.760	) [1]	119		(0.750	) [1]	11.9		(0.830	) [1]	19.6		(0.810	) [1]	
E353.2 - Nitrate (mg/kg)																	
Nitrate	3.50		(0.760	) [1]	7.24		(0.750	) [1]	ND		(0.830	) [1]	5.39		(0.810	) [1]	
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	ND		(0.350	) [1]	ND		(0.350	) [1]	ND		(0.350	) [1]	0.440		(0.380	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	52300		(2.30	) [1]	51800		(2.40	) [1]	46400		(2.50	) [1]	48400		(2.40	) [1]	
Antimony	1.00	J	(0.580	) [1]	1.20	J	(0.590	) [1]	1.50	J	(0.620	) [1]	1.50	J	(0.610	) [1]	
Arsenic	2.20		(0.780	) [1]	2.40		(0.790	) [1]	3.90		(0.820	) [1]	3.50		(0.820	) [1]	
Barium	72.3	K	(0.190	) [1]	72.3	K	(0.200	) [1]	79.0	K	(0.210	) [1]	88.3	K	(0.200	) [1]	
Beryllium	ND		(0.190	) [1]	ND		(0.200	) [1]	ND		(0.210	) [1]	ND		(0.200	) [1]	
Cadmium	0.470	K	(0.190	) [1]	0.460	K	(0.200	) [1]	1.00	K	(0.210	) [1]	0.750	K	(0.200	) [1]	
Calcium	11600		(5.10	) [1]	10800		(5.10	) [1]	11300		(5.40	) [1]	9420		(5.30	) [1]	
Chromium	24.9		(0.190	) [1]	24.9		(0.200	) [1]	30.5		(0.210	) [1]	29.1		(0.200	) [1]	
Cobalt	22.2		(0.190	) [1]	22.0		(0.200	) [1]	21.9		(0.210	) [1]	22.1		(0.200	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter			Site Id: REF1 Location Id: REF1-SO02 Sample Id: NA-REF1-SO02-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: REF1 Location Id: REF1-SO02 Sample Id: NA-REF1-SO02-12 Dup of NA-REF1-SO02-02 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 3-12			Site Id: REF1 Location Id: REF1-SO03 Sample Id: NA-REF1-SO03-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3			Site Id: REF1 Location Id: REF1-SO04 Sample Id: NA-REF1-SO04-01 Log Date: 07-MAR-98 Beg. Depth - End Depth (in.): 0-3		
ILMO4.0 - CLP Metals, cont. (mg/kg)															
Copper	104		(0.190	) [1]	105	(0.200	) [1]	92.4	(0.210	) [1]	102	(0.200	) [1]		
Iron	45100		(2.70	) [1]	45400	(2.80	) [1]	42500	(2.90	) [1]	43600	(2.90	) [1]		
Lead	5.40		(0.390	) [1]	6.50	(0.400	) [1]	57.3	(0.410	) [1]	50.0	(0.410	) [1]		
Magnesium	10900		(1.80	) [1]	10600	(1.80	) [1]	11700	(1.80	) [1]	11000	(1.80	) [1]		
Manganese	800		(0.190	) [1]	797	(0.200	) [1]	787	(0.210	) [1]	837	(0.200	) [1]		
Mercury	0.0300		(0.0200	) [1]	0.0300	(0.0300	) [1]	0.140	(0.0300	) [1]	0.120	(0.0300	) [1]		
Nickel	28.5		(0.390	) [1]	27.9	(0.400	) [1]	35.4	(0.410	) [1]	33.2	(0.410	) [1]		
Potassium	272		(1.20	) [1]	246	(1.20	) [1]	400	(1.20	) [1]	435	(1.20	) [1]		
Selenium	0.600	L	(0.390	) [1]	0.600	L (0.400	) [1]	0.560	L (0.410	) [1]	0.520	L (0.410	) [1]		
Silver	ND		(0.190	) [1]	ND	(0.200	) [1]	0.380	(0.210	) [1]	0.610	(0.200	) [1]		
Sodium	2030		(19.4	) [1]	1750	(19.8	) [1]	1790	(20.6	) [1]	1470	(20.4	) [1]		
Thallium	1.70	L	(0.780	) [1]	0.930	L (0.790	) [1]	0.850	L (0.820	) [1]	1.10	L (0.820	) [1]		
Vanadium	185		(0.190	) [1]	187	(0.200	) [1]	175	(0.210	) [1]	180	(0.200	) [1]		
Zinc	40.0		(0.190	) [1]	41.3	(0.200	) [1]	156	(0.210	) [1]	115	(0.200	) [1]		
SW9045C - pH (pH units)															
pH	6.40		(0.0100	) [1]	6.38	(0.0100	) [1]	6.26	(0.0100	) [1]	6.18	(0.0100	) [1]		

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	REF1			REF1			REF1			REF1				
Location Id	REF1-SO04			REF1-SO05			REF1-SO06			REF1-SO06				
Sample Id	NA-REF1-SO04-02			NA-REF1-SO05-01			NA-REF1-SO06-01			NA-REF1-SO06-02				
Log Date	07-MAR-98			07-MAR-98			07-MAR-98			07-MAR-98				
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			3-12				
E160.3 - Percent Moisture (percent)														
Percent moisture	34.4		0	[1]	38.3		0	[1]	36.3		0	[1]	34.4	0 [1]
E300 - Anions (mg/kg)														
Chloride	2.25		(0.760	) [1]	2.12		(0.810	) [1]	1.72		(0.780	) [1]	9.64	(0.760) [1]
Fluoride	ND		(0.380	) [1]	ND		(0.400	) [1]	ND		(0.390	) [1]	ND	(0.380) [1]
Sulfate	44.4		(0.760	) [1]	40.1		(0.810	) [1]	14.1		(0.780	) [1]	164	(0.760) [1]
E353.2 - Nitrate (mg/kg)														
Nitrate	4.09		(0.760	) [1]	6.51		(0.810	) [1]	8.33		(0.780	) [1]	6.74	(0.760) [1]
ILM04.0 - Total Cyanide (mg/kg)														
Cyanide	ND		(0.360	) [1]	0.430		(0.380	) [1]	0.560		(0.350	) [1]	0.390	(0.280) [1]
ILMO4.0 - CLP Metals (mg/kg)														
Aluminum	52300		(2.40	) [1]	57200		(2.50	) [1]	56800		(2.40	) [1]	57700	(2.40) [1]
Antimony	ND	UL	(0.600	) [1]	1.50	J	(0.620	) [1]	2.40	J	(0.600	) [1]	1.50	J (0.590) [1]
Arsenic	1.30		(0.800	) [1]	2.90		(0.830	) [1]	5.20		(0.790	) [1]	2.60	(0.790) [1]
Barium	67.9	K	(0.200	) [1]	64.8	K	(0.210	) [1]	60.2	K	(0.200	) [1]	69.4	K (0.200) [1]
Beryllium	ND		(0.200	) [1]	ND		(0.210	) [1]	ND		(0.200	) [1]	ND	(0.200) [1]
Cadmium	0.470	K	(0.200	) [1]	0.650	K	(0.210	) [1]	0.870	K	(0.200	) [1]	0.530	K (0.200) [1]
Calcium	11200		(5.20	) [1]	9980		(5.40	) [1]	11100		(5.20	) [1]	9380	(5.10) [1]
Chromium	25.7		(0.200	) [1]	34.5		(0.210	) [1]	30.1		(0.200	) [1]	30.8	(0.200) [1]
Cobalt	22.8		(0.200	) [1]	24.9		(0.210	) [1]	23.4		(0.200	) [1]	25.0	(0.200) [1]

Compiled: 06/29/98

0 = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	REF1				REF1				REF1				REF1			
Location Id	REF1-SO04				REF1-SO05				REF1-SO06				REF1-SO06			
Sample Id	NA-REF1-SO04-02				NA-REF1-SO05-01				NA-REF1-SO06-01				NA-REF1-SO06-02			
Log Date	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98			
Beg. Depth - End Depth (in.)	3-12				0-3				0-3				3-12			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Copper	103		(0.200	) [1]	115		(0.210	) [1]	105		(0.200	) [1]	116		(0.200	) [1]
Iron	46100		(2.80	) [1]	50600		(2.90	) [1]	47800		(2.80	) [1]	51800		(2.80	) [1]
Lead	8.70		(0.400	) [1]	13.8		(0.420	) [1]	38.2		(0.400	) [1]	7.90		(0.390	) [1]
Magnesium	12200		(1.80	) [1]	11700		(1.90	) [1]	11400		(1.80	) [1]	12000		(1.80	) [1]
Manganese	802		(0.200	) [1]	875		(0.210	) [1]	832		(0.200	) [1]	890		(0.200	) [1]
Mercury	0.0200		(0.0200	) [1]	0.0600		(0.0300	) [1]	0.140		(0.0200	) [1]	0.0400		(0.0200	) [1]
Nickel	30.9		(0.400	) [1]	33.5		(0.420	) [1]	34.1		(0.400	) [1]	32.9		(0.390	) [1]
Potassium	263		(1.20	) [1]	363		(1.20	) [1]	362		(1.20	) [1]	285		(1.20	) [1]
Selenium	0.580	L	(0.400	) [1]	0.520	L	(0.420	) [1]	0.430	L	(0.400	) [1]	ND	UL	(0.390	) [1]
Silver	ND		(0.200	) [1]	0.270		(0.210	) [1]	0.370		(0.200	) [1]	ND		(0.200	) [1]
Sodium	1890		(19.9	) [1]	1730		(20.8	) [1]	1900		(19.9	) [1]	1750		(19.7	) [1]
Thallium	ND	UL	(0.790	) [1]	1.20	L	(0.830	) [1]	1.30	L	(0.790	) [1]	1.40	L	(0.790	) [1]
Vanadium	189		(0.200	) [1]	215		(0.210	) [1]	200		(0.200	) [1]	219		(0.200	) [1]
Zinc	44.4		(0.200	) [1]	71.0		(0.210	) [1]	96.9		(0.200	) [1]	48.6		(0.200	) [1]
SW9045C - pH (pH units)																
pH	6.53		(0.0100	) [1]	6.40		(0.0100	) [1]	5.80		(0.0100	) [1]	6.04		(0.0100	) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	REF2				REF2				REF2				REF2							
Location Id	REF2-SO01				REF2-SO01				REF2-SO02				REF2-SO03							
Sample Id	NA-REF2-SO01-01				NA-REF2-SO01-02				NA-REF2-SO02-01				NA-REF2-SO03-01							
Log Date	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98							
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3							
E160.3 - Percent Moisture (percent)																				
Percent moisture	55.5		(	0)	[1]	51.1		(	0)	[1]	50.6		(	0)	[1]	54.4		(	0)	[1]
ILM04.0 - Total Cyanide (mg/kg)																				
Cyanide	0.940		(	0.520)	[1]	1.40		(	0.480)	[1]	1.70		(	0.470)	[1]	1.60		(	0.520)	[1]
ILMO4.0 - CLP Metals (mg/kg)																				
Aluminum	66000		(	3.50)	[1]	85800		(	3.20)	[1]	76400		(	3.20)	[1]	84200		(	3.50)	[1]
Antimony	2.70	J	(	0.860)	[1]	2.20	J	(	0.800)	[1]	2.00	J	(	0.810)	[1]	2.00	J	(	0.880)	[1]
Arsenic	6.40		(	1.20)	[1]	5.90		(	1.10)	[1]	6.70		(	1.10)	[1]	8.20		(	1.20)	[1]
Barium	76.6		(	0.290)	[1]	96.1		(	0.270)	[1]	80.6		(	0.270)	[1]	66.1		(	0.290)	[1]
Beryllium	ND		(	0.290)	[1]	ND		(	0.270)	[1]	ND		(	0.270)	[1]	ND		(	0.290)	[1]
Cadmium	0.900	K	(	0.290)	[1]	1.00	K	(	0.270)	[1]	1.10	K	(	0.270)	[1]	1.10	K	(	0.290)	[1]
Calcium	4210		(	7.50)	[1]	5090		(	7.00)	[1]	4540		(	7.00)	[1]	3030		(	7.60)	[1]
Chromium	41.9		(	0.290)	[1]	50.6		(	0.270)	[1]	49.7		(	0.270)	[1]	54.4		(	0.290)	[1]
Cobalt	25.9		(	0.290)	[1]	34.2		(	0.270)	[1]	30.7		(	0.270)	[1]	33.9		(	0.290)	[1]
Copper	131		(	0.290)	[1]	189		(	0.270)	[1]	150		(	0.270)	[1]	158		(	0.290)	[1]
Iron	57400		(	4.00)	[1]	74600		(	3.70)	[1]	67400		(	3.80)	[1]	73300		(	4.10)	[1]
Lead	51.8		(	0.580)	[1]	48.1		(	0.530)	[1]	49.9		(	0.540)	[1]	50.5		(	0.580)	[1]
Magnesium	7680		(	2.60)	[1]	11500		(	2.40)	[1]	10200		(	2.40)	[1]	10900		(	2.60)	[1]
Manganese	1060		(	0.290)	[1]	1350		(	0.270)	[1]	1200		(	0.270)	[1]	1300		(	0.290)	[1]
Mercury	0.180		(	0.0300)	[1]	0.220		(	0.0300)	[1]	0.170		(	0.0300)	[1]	0.190		(	0.0300)	[1]
Nickel	35.9		(	0.290)	[1]	46.1		(	0.270)	[1]	56.1		(	0.270)	[1]	48.5		(	0.290)	[1]
Potassium	504		(	1.70)	[1]	371		(	1.60)	[1]	490		(	1.60)	[1]	449		(	1.80)	[1]

Compiled: 06/29/98

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Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																			
Site Id	REF2				REF2				REF2				REF2			
Location Id	REF2-SO01				REF2-SO01				REF2-SO02				REF2-SO03			
Sample Id	NA-REF2-SO01-01				NA-REF2-SO01-02				NA-REF2-SO02-01				NA-REF2-SO03-01			
Log Date	07-MAR-98				07-MAR-98				07-MAR-98				07-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Selenium	ND	UL	(0.580	) [1]	ND	UL	(0.530	) [1]	ND	UL	(0.540	) [1]	ND	UL	(0.580	) [1]
Silver	0.540		(0.290	) [1]	1.30		(0.270	) [1]	0.530		(0.270	) [1]	0.450		(0.290	) [1]
Sodium	303		(28.8	) [1]	326		(26.7	) [1]	367		(27.0	) [1]	235		(29.2	) [1]
Thallium	4.00	L	(1.20	) [1]	5.60	L	(1.10	) [1]	5.40	L	(1.10	) [1]	4.30	L	(1.20	) [1]
Vanadium	257		(0.290	) [1]	326		(0.270	) [1]	299		(0.270	) [1]	327		(0.290	) [1]
Zinc	176		(0.290	) [1]	190		(0.270	) [1]	155		(0.270	) [1]	152		(0.290	) [1]
SW9045C - pH (pH units)																
pH	6.10		(0.0100	) [1]	6.29		(0.0100	) [1]	6.20		(0.0100	) [1]	6.25		(0.0100	) [1]

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	REF2			REF2			REF2			REF2							
Location Id	REF2-SO03			REF2-SO04			REF2-SO05			REF2-SO05							
Sample Id	NA-REF2-SO03-02			NA-REF2-SO04-01			NA-REF2-SO05-01			NA-REF2-SO05-02							
Log Date	07-MAR-98			07-MAR-98			07-MAR-98			07-MAR-98							
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			3-12							
D422 - Particle Size Distribution (%)																	
%Clay	NA			NA			6.90	0	[1]	NA							
%Gravel	NA			NA			0.00	0	[1]	NA							
%Sand	NA			NA			65.7	0	[1]	NA							
%Silt	NA			NA			27.4	0	[1]	NA							
Mean Particle Size(mm)	NA			NA			0.210	0	[1]	NA							
E160.3 - Percent Moisture (percent)																	
Percent moisture	49.1		0	[1]	42.8		0	[1]	49.9		0	[1]	39.8		0	[1]	
E300 - Anions (mg/kg)																	
Chloride	NA			NA			NA			3.38		(0.830	) [1]				
Fluoride	NA			NA			NA			ND		(0.410	) [1]				
Sulfate	NA			NA			NA			25.8		(0.830	) [1]				
E353.2 - Nitrate (mg/kg)																	
Nitrate	NA			NA			NA			7.16		(0.830	) [1]				
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	ND		(0.480	) [1]	0.800		(0.390	) [1]	ND		(0.450	) [1]	ND		(0.410	) [1]	
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	108000		(3.20	) [1]	75700		(2.80	) [1]	58200		(3.30	) [1]	58200		(2.50	) [1]	
Antimony	1.60	J	(0.790	) [1]	1.60	J	(0.700	) [1]	1.80	J	(0.820	) [1]	1.10	J	(0.620	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF2 REF2-SO03 NA-REF2-SO03-02 07-MAR-98 3-12					REF2 REF2-SO04 NA-REF2-SO04-01 07-MAR-98 0-3					REF2 REF2-SO05 NA-REF2-SO05-01 07-MAR-98 0-3					REF2 REF2-SO05 NA-REF2-SO05-02 07-MAR-98 3-12				
ILMO4.0 - CLP Metals, cont. (mg/kg)																				
Arsenic	4.80		(1.00	) [1]		4.60		(0.930	) [1]		4.50		(1.10	) [1]		3.60		(0.830	) [1]	
Barium	198	K	(0.260	) [1]		69.4	K	(0.230	) [1]		81.2	K	(0.270	) [1]		73.7	K	(0.210	) [1]	
Beryllium	0.260		(0.260	) [1]		0.230		(0.230	) [1]		ND		(0.270	) [1]		ND		(0.210	) [1]	
Cadmium	1.40	K	(0.260	) [1]		1.10	K	(0.230	) [1]		1.20	K	(0.270	) [1]		1.00	K	(0.210	) [1]	
Calcium	3890		(6.90	) [1]		9640		(6.10	) [1]		8670		(7.10	) [1]		8180		(5.40	) [1]	
Chromium	49.4		(0.260	) [1]		39.2		(0.230	) [1]		32.5		(0.270	) [1]		29.7		(0.210	) [1]	
Cobalt	42.4		(0.260	) [1]		30.2		(0.230	) [1]		23.7		(0.270	) [1]		25.5		(0.210	) [1]	
Copper	179		(0.260	) [1]		149		(0.230	) [1]		121		(0.270	) [1]		125		(0.210	) [1]	
Iron	87500		(3.70	) [1]		62900		(3.30	) [1]		49600		(3.80	) [1]		51400		(2.90	) [1]	
Lead	19.4		(0.530	) [1]		22.5		(0.470	) [1]		40.5		(0.550	) [1]		15.4		(0.410	) [1]	
Magnesium	14500		(2.40	) [1]		9980		(2.10	) [1]		9480		(2.50	) [1]		11200		(1.90	) [1]	
Manganese	1530		(0.260	) [1]		1170		(0.230	) [1]		945		(0.270	) [1]		933		(0.210	) [1]	
Mercury	0.0800		(0.0300	) [1]		0.0700		(0.0300	) [1]		0.220		(0.0300	) [1]		0.100		(0.0300	) [1]	
Nickel	47.9		(0.530	) [1]		39.9		(0.470	) [1]		31.8		(0.550	) [1]		33.2		(0.210	) [1]	
Potassium	292		(1.60	) [1]		435		(1.40	) [1]		624		(1.60	) [1]		290		(1.20	) [1]	
Selenium	ND	UL	(0.530	) [1]		1.10	L	(0.470	) [1]		1.20	L	(0.550	) [1]		0.880	L	(0.410	) [1]	
Silver	0.570		(0.260	) [1]		0.630		(0.230	) [1]		0.330		(0.270	) [1]		0.330		(0.210	) [1]	
Sodium	422		(26.4	) [1]		497		(23.3	) [1]		1040		(27.3	) [1]		1080		(20.7	) [1]	
Thallium	3.20	L	(1.00	) [1]		1.70	L	(0.930	) [1]		ND	UL	(1.10	) [1]		1.30	L	(0.830	) [1]	
Vanadium	355		(0.260	) [1]		278		(0.230	) [1]		210		(0.270	) [1]		213		(0.210	) [1]	
Zinc	116		(0.260	) [1]		120		(0.230	) [1]		132		(0.270	) [1]		68.6		(0.210	) [1]	

Compiled: 06/29/[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)							
	REF2 / REF2-SO03 / NA-REF2-SO03-02 / 07-MAR-98 / 3-12		REF2 / REF2-SO04 / NA-REF2-SO04-01 / 07-MAR-98 / 0-3		REF2 / REF2-SO05 / NA-REF2-SO05-01 / 07-MAR-98 / 0-3		REF2 / REF2-SO05 / NA-REF2-SO05-02 / 07-MAR-98 / 3-12	
SW9045C - pH (pH units)								
pH	6.57	(0.0100) [1]	6.64	(0.0100) [1]	6.38	(0.0100) [1]	6.48	(0.0100) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	REF2 REF2-SO06 NA-REF2-SO06-01 07-MAR-98 0-3					REF2 REF2-SO06 NA-REF2-SO06-11 Dup of NA-REF2-SO06-01 07-MAR-98 0-3					TOWR TOWR-SO01 NA-TOWR-SO01-01 08-MAR-98 0-3					TOWR TOWR-SO02 NA-TOWR-SO02-01 08-MAR-98 0-3				
E160.3 - Percent Moisture (percent)																	
Percent moisture	56.1		0		[1]	56.1		0		[1]	41.1		0		[1]	34.5		0		[1]
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	ND		(0.490	)	[1]	1.30		(0.470	)	[1]	0.810		(0.260	)	[1]	1.20		(0.280	)	[1]
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	78400		(3.70	)	[1]	81500		(3.60	)	[1]	69000		(2.70	)	[1]	36900		(2.40	)	[1]
Antimony	2.00	J	(0.940	)	[1]	2.30	J	(0.890	)	[1]	0.850	L	(0.680	)	[1]	2.30	L	(0.600	)	[1]
Arsenic	6.20		(1.20	)	[1]	7.20		(1.20	)	[1]	2.60		(0.910	)	[1]	2.70		(0.800	)	[1]
Barium	105	K	(0.310	)	[1]	105	K	(0.300	)	[1]	86.2	L	(0.230	)	[1]	56.6	L	(0.200	)	[1]
Beryllium	ND		(0.310	)	[1]	ND		(0.300	)	[1]	ND		(0.230	)	[1]	ND		(0.200	)	[1]
Cadmium	1.80	K	(0.310	)	[1]	1.90	K	(0.300	)	[1]	1.40	K	(0.230	)	[1]	1.00	K	(0.200	)	[1]
Calcium	5270		(8.10	)	[1]	5470		(7.70	)	[1]	9890		(5.90	)	[1]	10600		(5.20	)	[1]
Chromium	42.1		(0.310	)	[1]	45.5		(0.300	)	[1]	37.4		(0.230	)	[1]	21.1		(0.200	)	[1]
Cobalt	30.0		(0.310	)	[1]	30.8		(0.300	)	[1]	28.9		(0.230	)	[1]	17.1		(0.200	)	[1]
Copper	150		(0.310	)	[1]	155		(0.300	)	[1]	139		(0.230	)	[1]	82.3		(0.200	)	[1]
Iron	62800		(4.40	)	[1]	66600		(4.10	)	[1]	59900		(3.20	)	[1]	33300		(2.80	)	[1]
Lead	55.3		(0.620	)	[1]	55.7		(0.590	)	[1]	7.70		(0.450	)	[1]	26.2		(0.400	)	[1]
Magnesium	9610		(2.80	)	[1]	10100		(2.70	)	[1]	11700		(2.00	)	[1]	9190		(1.80	)	[1]
Manganese	1210		(0.310	)	[1]	1230		(0.300	)	[1]	1110		(0.230	)	[1]	613		(0.200	)	[1]
Mercury	0.190		(0.0400	)	[1]	0.200		(0.0400	)	[1]	0.0300		(0.0300	)	[1]	0.0900		(0.0200	)	[1]
Nickel	37.4		(0.310	)	[1]	38.0		(0.300	)	[1]	37.4		(0.230	)	[1]	24.1		(0.200	)	[1]
Potassium	978		(1.90	)	[1]	975		(1.80	)	[1]	464		(1.40	)	[1]	451		(1.20	)	[1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)																
	REF2 / REF2-SO06 / NA-REF2-SO06-01 / 07-MAR-98 / 0-3				REF2 / REF2-SO06 / NA-REF2-SO06-11 Dup of NA-REF2-SO06-01 / 07-MAR-98 / 0-3				TOWR / TOWR-SO01 / NA-TOWR-SO01-01 / 08-MAR-98 / 0-3				TOWR / TOWR-SO02 / NA-TOWR-SO02-01 / 08-MAR-98 / 0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																	
Selenium	1.10	L	(0.620	) [1]	0.960	L	(0.590	) [1]	ND	UL	(0.450	) [1]	ND	UL	(0.400	) [1]
Silver	0.520		(0.310	) [1]	0.530		(0.300	) [1]	0.240		(0.230	) [1]	0.300		(0.200	) [1]
Sodium	491		(31.2	) [1]	482		(29.6	) [1]	1500		(22.6	) [1]	1740		(20.1	) [1]
Thallium	1.40	L	(1.20	) [1]	1.60	L	(1.20	) [1]	2.50		(0.910	) [1]	ND		(0.800	) [1]
Vanadium	276		(0.310	) [1]	292		(0.300	) [1]	255		(0.230	) [1]	124		(0.200	) [1]
Zinc	183		(0.310	) [1]	186		(0.300	) [1]	58.8		(0.230	) [1]	94.3		(0.200	) [1]
SW9045C - pH (pH units)																	
pH	6.33		(0.0100	) [1]	6.32		(0.0100	) [1]	6.51		(0.0100	) [1]	6.02		(0.0100	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id	TOWR			TOWR			TOWR			TOWR							
Location Id	TOWR-SO02			TOWR-SO03			TOWR-SO03			TOWR-SO04							
Sample Id	NA-TOWR-SO02-32			NA-TOWR-SO03-01			NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01			NA-TOWR-SO04-01							
Log Date	08-MAR-98			08-MAR-98			08-MAR-98			08-MAR-98							
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			0-3							
D422 - Particle Size Distribution (%)																	
%Clay	NA			6.20		0 [1]	10.0		0 [1]	NA							
%Gravel	NA			0.00		0 [1]	4.80		0 [1]	NA							
%Sand	NA			58.9		0 [1]	61.1		0 [1]	NA							
%Silt	NA			34.9		0 [1]	24.1		0 [1]	NA							
Mean Particle Size(mm)	NA			0.137		0 [1]	0.219		0 [1]	NA							
E160.3 - Percent Moisture (percent)																	
Percent moisture	30.5		0 [1]	43.3		0 [1]	45.6		0 [1]	31.2		0 [1]					
E300 - Anions (mg/kg)																	
Chloride	NA			11.4		(0.880) [1]	8.93		(0.910) [1]	NA							
Fluoride	NA			ND		(0.440) [1]	1.65		(0.460) [1]	NA							
Sulfate	NA			53.1		(0.880) [1]	44.9		(0.910) [1]	NA							
E353.2 - Nitrate (mg/kg)																	
Nitrate	NA			23.1		(1.76) [2]	25.8		(1.84) [2]	NA							
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	0.830		(0.270) [1]	1.70		(0.310) [1]	1.90		(0.380) [1]	0.500		(0.260) [1]					
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	46000		(2.30) [1]	55100		(2.80) [1]	54500		(2.90) [1]	45500		(2.30) [1]					
Antimony	0.770	L	(0.570) [1]	2.70	L	(0.700) [1]	2.50	L	(0.740) [1]	1.20	L	(0.570) [1]					

Compiled: 06/29

0 = Detection Limit [] = Dilution Factor [illegible] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)															
	TOWR / TOWR-SO02 / NA-TOWR-SO02-32 / 08-MAR-98 / 3-12					TOWR / TOWR-SO03 / NA-TOWR-SO03-01 / 08-MAR-98 / 0-3					TOWR / TOWR-SO03 / NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01 / 08-MAR-98 / 0-3					TOWR / TOWR-SO04 / NA-TOWR-SO04-01 / 08-MAR-98 / 0-3				
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	2.50		(0.760	) [1]		3.90		(0.930	) [1]		4.10		(0.980	) [1]		3.40		(0.760	) [1]	
Barium	308	L	(0.190	) [1]		96.2	L	(0.230	) [1]		111	L	(0.250	) [1]		57.6	L	(0.190	) [1]	
Beryllium	ND		(0.190	) [1]		ND		(0.230	) [1]		ND		(0.250	) [1]		ND		(0.190	) [1]	
Cadmium	0.980	K	(0.190	) [1]		2.00	K	(0.230	) [1]		2.30	K	(0.250	) [1]		1.00	K	(0.190	) [1]	
Calcium	13200		(5.00	) [1]		11600		(6.00	) [1]		12100		(6.40	) [1]		10400		(4.90	) [1]	
Chromium	21.7		(0.190	) [1]		40.6		(0.230	) [1]		36.5		(0.250	) [1]		23.8		(0.190	) [1]	
Cobalt	18.2		(0.190	) [1]		21.9		(0.230	) [1]		21.9		(0.250	) [1]		19.0		(0.190	) [1]	
Copper	98.3		(0.190	) [1]		107		(0.230	) [1]		106		(0.250	) [1]		94.8		(0.190	) [1]	
Iron	39400		(2.70	) [1]		49800		(3.20	) [1]		55500		(3.40	) [1]		39000		(2.70	) [1]	
Lead	8.80		(0.380	) [1]		97.5		(0.460	) [1]		86.2		(0.490	) [1]		18.1		(0.380	) [1]	
Magnesium	9240		(1.70	) [1]		8540		(2.10	) [1]		8980		(2.20	) [1]		8990		(1.70	) [1]	
Manganese	705		(0.190	) [1]		884		(0.230	) [1]		891		(0.250	) [1]		737		(0.190	) [1]	
Mercury	0.0400		(0.0200	) [1]		0.140		(0.0300	) [1]		0.120		(0.0300	) [1]		0.0700		(0.0200	) [1]	
Nickel	23.5		(0.190	) [1]		31.4		(0.230	) [1]		32.4		(0.250	) [1]		24.1		(0.190	) [1]	
Potassium	2130		(1.10	) [1]		989		(1.40	) [1]		1110		(1.50	) [1]		312		(1.10	) [1]	
Selenium	ND	UL	(0.380	) [1]		ND	UL	(0.460	) [1]		ND	UL	(0.490	) [1]		ND	UL	(0.380	) [1]	
Silver	0.200		(0.190	) [1]		0.360		(0.230	) [1]		0.400		(0.250	) [1]		0.200		(0.190	) [1]	
Sodium	2300		(19.1	) [1]		1350		(23.2	) [1]		1430		(24.5	) [1]		1970		(19.0	) [1]	
Thallium	1.40		(0.760	) [1]		1.20		(0.930	) [1]		2.20		(0.980	) [1]		1.30		(0.760	) [1]	
Vanadium	147		(0.190	) [1]		190		(0.230	) [1]		186		(0.250	) [1]		149		(0.190	) [1]	
Zinc	51.7		(0.190	) [1]		223		(0.230	) [1]		246		(0.250	) [1]		64.4		(0.190	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)	
		TOWR TOWR-SO02 NA-TOWR-SO02-32 08-MAR-98 3-12		TOWR TOWR-SO03 NA-TOWR-SO03-01 08-MAR-98 0-3		TOWR TOWR-SO03 NA-TOWR-SO03-11 Dup of NA-TOWR-SO03-01 08-MAR-98 0-3		TOWR TOWR-SO04 NA-TOWR-SO04-01 08-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	6.74	(0.0100) [1]		6.26	(0.0100) [1]	6.34	(0.0100) [1]	6.43	(0.0100) [1]

Compiled: 06/29

() = Detection Limit [] = Dilution Factor N Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)														
	TOWR / TOWR-SO04 / NA-TOWR-SO04-02 / 08-MAR-98 / 3-12						TOWR / TOWR-SO04 / NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02 / 08-MAR-98 / 3-12						TOWR / TOWR-SO05 / NA-TOWR-SO05-01 / 08-MAR-98 / 0-3						TOWR / TOWR-SO06 / NA-TOWR-SO06-01 / 08-MAR-98 / 0-3					
D422 - Particle Size Distribution (%)																								
%Clay	NA						NA						5.20	0	[1]				NA					
%Gravel	NA						NA						0.00	0	[1]				NA					
%Sand	NA						NA						85.7	0	[1]				NA					
%Silt	NA						NA						9.10	0	[1]				NA					
Mean Particle Size(mm)	NA						NA						0.486	0	[1]				NA					
E160.3 - Percent Moisture (percent)																								
Percent moisture	41.4		0		[1]		41.2		0		[1]		9.80	0	[1]				51.8		0		[1]	
E300 - Anions (mg/kg)																								
Chloride	NA						NA						2.29	(0.550	) [1]				NA					
Fluoride	NA						NA						ND	(0.270	) [1]				NA					
Sulfate	NA						NA						33.3	(0.550	) [1]									
E353.2 - Nitrate (mg/kg)																								
Nitrate	NA						NA						4.24	(0.550	) [1]				NA					
ILM04.0 - Total Cyanide (mg/kg)																								
Cyanide	0.930		(0.300		) [1]		1.00		(0.260		) [1]		0.450	(0.190	) [1]				ND		(0.500		) [1]	
ILMO4.0 - CLP Metals (mg/kg)																								
Aluminum	57500		(2.60		) [1]		57500		(2.70		) [1]		13500	(1.80	) [1]				78800		(3.10		) [1]	
Antimony	ND	UL	(0.660		) [1]		0.750	L	(0.670		) [1]		ND	UL (0.440	) [1]				1.90	J	(0.780		) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	TOWR				TOWR				TOWR				TOWR			
Location Id	TOWR-SO04				TOWR-SO04				TOWR-SO05				TOWR-SO06			
Sample Id	NA-TOWR-SO04-02				NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02				NA-TOWR-SO05-01				NA-TOWR-SO06-01			
Log Date	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98			
Beg. Depth - End Depth (in.)	3-12				3-12				0-3				0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	2.20		(0.880	) [1]	2.50		(0.900	) [1]	8.30		(0.590	) [1]	5.70		(1.00	) [1]
Barium	105	L	(0.220	) [1]	107	L	(0.220	) [1]	15.2	L	(0.150	) [1]	96.3	K	(0.260	) [1]
Beryllium	ND		(0.220	) [1]	ND		(0.220	) [1]	ND		(0.150	) [1]	0.360		(0.260	) [1]
Cadmium	1.30	K	(0.220	) [1]	1.40	K	(0.220	) [1]	0.330	K	(0.150	) [1]	1.10	L	(0.260	) [1]
Calcium	11800		(5.70	) [1]	11200		(5.80	) [1]	3520		(3.80	) [1]	18300		(6.70	) [1]
Chromium	28.0		(0.220	) [1]	28.6		(0.220	) [1]	8.60		(0.150	) [1]	47.9		(0.260	) [1]
Cobalt	24.2		(0.220	) [1]	25.2		(0.220	) [1]	4.80		(0.150	) [1]	29.0		(0.260	) [1]
Copper	124		(0.220	) [1]	126		(0.220	) [1]	23.3		(0.150	) [1]	150		(0.260	) [1]
Iron	50100		(3.10	) [1]	50800		(3.10	) [1]	11100		(2.10	) [1]	64400		(3.60	) [1]
Lead	4.00		(0.440	) [1]	4.10		(0.450	) [1]	4.40		(0.300	) [1]	29.3		(0.520	) [1]
Magnesium	10700		(2.00	) [1]	10900		(2.00	) [1]	2480		(1.30	) [1]	8650		(2.30	) [1]
Manganese	949		(0.220	) [1]	983		(0.220	) [1]	183		(0.150	) [1]	1200		(0.260	) [1]
Mercury	ND		(0.0300	) [1]	ND		(0.0300	) [1]	ND		(0.0200	) [1]	0.0800		(0.0300	) [1]
Nickel	30.1		(0.220	) [1]	31.3		(0.220	) [1]	7.70		(0.150	) [1]	38.8		(0.520	) [1]
Potassium	277		(1.30	) [1]	276		(1.30	) [1]	198		(0.890	) [1]	920		(1.60	) [1]
Selenium	ND	UL	(0.440	) [1]	ND	UL	(0.450	) [1]	ND	UL	(0.300	) [1]	0.740	L	(0.520	) [1]
Silver	ND		(0.220	) [1]	ND		(0.220	) [1]	ND		(0.150	) [1]	0.340		(0.260	) [1]
Sodium	1830		(22.0	) [1]	1760		(22.4	) [1]	582		(14.8	) [1]	918		(25.9	) [1]
Thallium	2.20		(0.880	) [1]	1.20		(0.900	) [1]	ND		(0.590	) [1]	ND	UL	(1.00	) [1]
Vanadium	194		(0.220	) [1]	197		(0.220	) [1]	40.4		(0.150	) [1]	287		(0.260	) [1]
Zinc	46.7		(0.220	) [1]	48.0		(0.220	) [1]	34.8		(0.150	) [1]	162		(0.260	) [1]

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		TOWR TOWR-SO04 NA-TOWR-SO04-02 08-MAR-98 3-12		TOWR TOWR-SO04 NA-TOWR-SO04-12 Dup of NA-TOWR-SO04-02 08-MAR-98 3-12		TOWR TOWR-SO05 NA-TOWR-SO05-01 08-MAR-98 0-3		TOWR TOWR-SO06 NA-TOWR-SO06-01 08-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	6.65	(0.0100	) [1]	6.67	(0.0100) [1]	6.20	(0.0100) [1]	7.56	(0.0100) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter					TOWR TOWR-SO06 NA-TOWR-SO06-02 08-MAR-98 3-12				TOWR TOWR-SO07 NA-TOWR-SO07-01 08-MAR-98 0-3				TOWR TOWR-SO08 NA-TOWR-SO08-01 08-MAR-98 0-3				TOWR TOWR-SO09 NA-TOWR-SO09-01 08-MAR-98 0-3			
E160.3 - Percent Moisture (percent)																				
Percent moisture	52.8		0	[1]	6.70		0	[1]	38.1		0	[1]	32.9		0	[1]				
ILM04.0 - Total Cyanide (mg/kg)																				
Cyanide	ND		(0.480	) [1]	ND		(0.170	) [1]	ND		(0.400	) [1]	ND		(0.350	) [1]				
ILMO4.0 - CLP Metals (mg/kg)																				
Aluminum	104000		(3.20	) [1]	14200		(1.80	) [1]	70700		(2.40	) [1]	61600		(2.20	) [1]				
Antimony	1.90	L	(0.810	) [1]	0.770	L	(0.440	) [1]	1.60	J	(0.600	) [1]	1.40	J	(0.560	) [1]				
Arsenic	4.70		(1.10	) [1]	3.50		(0.580	) [1]	4.20		(0.800	) [1]	3.70		(0.740	) [1]				
Barium	67.4	K	(0.270	) [1]	13.8	K	(0.150	) [1]	89.4	K	(0.200	) [1]	91.5	K	(0.190	) [1]				
Beryllium	ND		(0.270	) [1]	ND		(0.150	) [1]	0.300		(0.200	) [1]	0.240		(0.190	) [1]				
Cadmium	1.20	K	(0.270	) [1]	ND		(0.150	) [1]	0.960	K	(0.200	) [1]	0.920	K	(0.190	) [1]				
Calcium	15400		(7.00	) [1]	10800		(3.80	) [1]	15500		(5.20	) [1]	27600		(4.80	) [1]				
Chromium	57.4		(0.270	) [1]	7.80		(0.150	) [1]	42.0		(0.200	) [1]	34.5		(0.190	) [1]				
Cobalt	40.2		(0.270	) [1]	4.30		(0.150	) [1]	27.8		(0.200	) [1]	24.7		(0.190	) [1]				
Copper	194		(0.270	) [1]	7.50		(0.150	) [1]	139		(0.200	) [1]	146		(0.190	) [1]				
Iron	86000		(3.80	) [1]	13500		(2.00	) [1]	59900		(2.80	) [1]	52700		(2.60	) [1]				
Lead	14.9		(0.540	) [1]	3.40		(0.290	) [1]	23.4		(0.400	) [1]	27.3		(0.370	) [1]				
Magnesium	18500		(2.40	) [1]	2450		(1.30	) [1]	11500		(1.80	) [1]	10000		(1.70	) [1]				
Manganese	1500		(0.270	) [1]	175		(0.150	) [1]	1090		(0.200	) [1]	978		(0.190	) [1]				
Mercury	0.0300		(0.0300	) [1]	ND		(0.0200	) [1]	0.0800		(0.0300	) [1]	0.0500		(0.0200	) [1]				
Nickel	44.3		(0.540	) [1]	5.70		(0.290	) [1]	34.9		(0.400	) [1]	30.9		(0.370	) [1]				
Potassium	642		(1.60	) [1]	676		(0.870	) [1]	674		(1.20	) [1]	766		(1.10	) [1]				

Compiled: 06/29/[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	TOWR				TOWR				TOWR				TOWR				TOWR			
	TOWR-SO06				TOWR-SO07				TOWR-SO08				TOWR-SO09							
	NA-TOWR-SO06-02				NA-TOWR-SO07-01				NA-TOWR-SO08-01				NA-TOWR-SO09-01							
	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98							
	3-12				0-3				0-3				0-3							
ILMO4.0 - CLP Metals, cont. (mg/kg)																				
Selenium	ND	UL	(0.540	) [1]	ND	UL	(0.290	) [1]	0.400	L	(0.400	) [1]	ND	UL	(0.370	) [1]				
Silver	0.420		(0.270	) [1]	ND		(0.150	) [1]	0.430		(0.200	) [1]	0.300		(0.190	) [1]				
Sodium	650		(27.0	) [1]	929		(14.6	) [1]	1240		(19.9	) [1]	1240		(18.5	) [1]				
Thallium	2.50	L	(1.10	) [1]	ND	UL	(0.580	) [1]	2.00	L	(0.800	) [1]	2.00	L	(0.740	) [1]				
Vanadium	362		(0.270	) [1]	43.1		(0.150	) [1]	254		(0.200	) [1]	223		(0.190	) [1]				
Zinc	125		(0.270	) [1]	32.8		(0.150	) [1]	114		(0.200	) [1]	126		(0.190	) [1]				
SW9045C - pH (pH units)																				
pH	7.83		(0.0100	) [1]	8.88		(0.0100	) [1]	7.54		(0.0100	) [1]	7.95		(0.0100	) [1]				

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)																
	TOWR / TOWR-SO10 / NA-TOWR-SO10-01 / 08-MAR-98 / 0-3						TOWR / TOWR-SO10 / NA-TOWR-SO10-02 / 08-MAR-98 / 3-12						TOWR / TOWR-SO11 / NA-TOWR-SO11-01 / 08-MAR-98 / 0-3					
E160.3 - Percent Moisture (percent)																		
Percent moisture	37.6		0		[1]		42.9		0		[1]		10.3		0		[1]	
ILM04.0 - Total Cyanide (mg/kg)																		
Cyanide	ND		(0.300	)	[1]		ND		(0.440	)	[1]		ND		(0.230	)	[1]	
ILMO4.0 - CLP Metals (mg/kg)																		
Aluminum	60400		(2.50	)	[1]		71400		(2.90	)	[1]		14200		(1.90	)	[1]	
Antimony	1.30	J	(0.630	)	[1]		1.60	J	(0.710	)	[1]		ND	UL	(0.470	)	[1]	
Arsenic	5.50		(0.840	)	[1]		4.60		(0.950	)	[1]		3.40		(0.620	)	[1]	
Barium	609	K	(0.210	)	[1]		74.2	K	(0.240	)	[1]		14.1	K	(0.160	)	[1]	
Beryllium	0.290		(0.210	)	[1]		0.280		(0.240	)	[1]		ND		(0.160	)	[1]	
Cadmium	0.760	K	(0.210	)	[1]		0.870	K	(0.240	)	[1]		0.180	K	(0.160	)	[1]	
Calcium	27700		(5.50	)	[1]		18300		(6.20	)	[1]		11600		(4.00	)	[1]	
Chromium	43.7		(0.210	)	[1]		45.0		(0.240	)	[1]		6.30		(0.160	)	[1]	
Cobalt	24.0		(0.210	)	[1]		28.7		(0.240	)	[1]		3.50		(0.160	)	[1]	
Copper	132		(0.210	)	[1]		150		(0.240	)	[1]		8.00		(0.160	)	[1]	
Iron	53900		(3.00	)	[1]		62100		(3.30	)	[1]		12500		(2.20	)	[1]	
Lead	24.1		(0.420	)	[1]		21.8		(0.480	)	[1]		3.00		(0.310	)	[1]	
Magnesium	10100		(1.90	)	[1]		11700		(2.10	)	[1]		2650		(1.40	)	[1]	
Manganese	989		(0.210	)	[1]		1110		(0.240	)	[1]		173		(0.160	)	[1]	
Mercury	0.0400		(0.0300	)	[1]		0.0500		(0.0300	)	[1]		ND		(0.0200	)	[1]	
Nickel	33.2		(0.420	)	[1]		37.2		(0.480	)	[1]		5.90		(0.310	)	[1]	
Potassium	938		(1.30	)	[1]		735		(1.40	)	[1]		641		(0.940	)	[1]	

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)					
	TOWR / TOWR-SO12 / NA-TOWR-SO12-01 / 08-MAR-98 / 0-3					
E160.3 - Percent Moisture (percent)						
Percent moisture	37.9		0		[1]	
ILM04.0 - Total Cyanide (mg/kg)						
Cyanide	ND		(0.380	)	[1]	
ILMO4.0 - CLP Metals (mg/kg)						
Aluminum	68700		(2.30	)	[1]	
Antimony	1.90	J	(0.580	)	[1]	
Arsenic	4.50		(0.780	)	[1]	
Barium	76.5	K	(0.190	)	[1]	
Beryllium	0.270		(0.190	)	[1]	
Cadmium	0.850	K	(0.190	)	[1]	
Calcium	15500		(5.00	)	[1]	
Chromium	41.6		(0.190	)	[1]	
Cobalt	27.3		(0.190	)	[1]	
Copper	134		(0.190	)	[1]	
Iron	59100		(2.70	)	[1]	
Lead	18.5		(0.390	)	[1]	
Magnesium	11100		(1.80	)	[1]	
Manganese	1060		(0.190	)	[1]	
Mercury	0.0400		(0.0300	)	[1]	
Nickel	34.0		(0.390	)	[1]	
Potassium	910		(1.20	)	[1]	

Compiled: 06/29[redacted]

0 = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																				
Site Id	TOWR				TOWR				TOWR				TOWR			
Location Id	TOWR-SO10				TOWR-SO10				TOWR-SO11				TOWR-SO12			
Sample Id	NA-TOWR-SO10-01				NA-TOWR-SO10-02				NA-TOWR-SO11-01				NA-TOWR-SO12-01			
Log Date	08-MAR-98				08-MAR-98				08-MAR-98				08-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				0-3			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Selenium	ND	UL	(0.420	) [1]	ND	UL	(0.480	) [1]	ND	UL	(0.310	) [1]	ND	UL	(0.390	) [1]
Silver	0.380		(0.210	) [1]	0.290		(0.240	) [1]	ND		(0.160	) [1]	0.330		(0.190	) [1]
Sodium	533		(21.1	) [1]	778		(23.8	) [1]	884		(15.6	) [1]	745		(19.4	) [1]
Thallium	1.00	L	(0.840	) [1]	2.80	L	(0.950	) [1]	ND	UL	(0.620	) [1]	2.00	L	(0.780	) [1]
Vanadium	222		(0.210	) [1]	269		(0.240	) [1]	34.8		(0.160	) [1]	252		(0.190	) [1]
Zinc	120		(0.210	) [1]	109		(0.240	) [1]	25.5		(0.160	) [1]	94.0		(0.190	) [1]
SW9045C - pH (pH units)																
pH	7.98		(0.0100	) [1]	7.91		(0.0100	) [1]	8.88		(0.0100	) [1]	7.83		(0.0100	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	TRND			TRND			TRND			TRND		
Location Id	TRND-SO01			TRND-SO01			TRND-SO02			TRND-SO02		
Sample Id	NA-TRND-SO01-01			NA-TRND-SO01-02			NA-TRND-SO02-01			NA-TRND-SO02-02		
Log Date	15-MAR-98			15-MAR-98			15-MAR-98			15-MAR-98		
Beg. Depth - End Depth (in.)	0-3			3-12			0-3			3-12		
D422 - Particle Size Distribution (%)												
%Clay	11.4	0	[1]	NA			NA			NA		
%Gravel	0.00	0	[1]	NA			NA			NA		
%Sand	56.8	0	[1]	NA			NA			NA		
%Silt	31.8	0	[1]	NA			NA			NA		
Mean Particle Size(mm)	0.140	0	[1]	NA			NA			NA		
E160.3 - Percent Moisture (percent)												
Percent moisture	43.0	0	[1]	32.5	0	[1]	45.9	0	[1]	50.3	0	[1]
E300 - Anions (mg/kg)												
Chloride	ND	(1.75	) [1]	NA			NA			NA		
Fluoride	3.53	(1.75	) [1]	NA			NA			NA		
Sulfate	25.6	(1.75	) [1]	NA			NA			NA		
E353.2 - Nitrate (mg/kg)												
Nitrate	43.9	(8.77	) [10]	NA			NA			NA		
ILM04.0 - Total Cyanide (mg/kg)												
Cyanide	0.720	(0.400	) [1]	0.530	(0.340	) [1]	ND	(0.420	) [1]	ND	(0.440	) [1]
ILMO4.0 - CLP Metals (mg/kg)												
Aluminum	45900	(2.70	) [1]	46500	(2.40	) [1]	87800	(2.90	) [1]	81400	(3.20	) [1]
Antimony	2.00 J	(0.670	) [1]	ND UL	(0.590	) [1]	3.70 J	(0.730	) [1]	1.50 J	(0.800	) [1]

Compiled: 06/29/[redacted]

0 = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																
Site Id	TRND				TRND				TRND				TRND			
Location Id	TRND-SO01				TRND-SO01				TRND-SO02				TRND-SO02			
Sample Id	NA-TRND-SO01-01				NA-TRND-SO01-02				NA-TRND-SO02-01				NA-TRND-SO02-02			
Log Date	15-MAR-98				15-MAR-98				15-MAR-98				15-MAR-98			
Beg. Depth - End Depth (in.)	0-3				3-12				0-3				3-12			
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	3.70		(0.890	) [1]	1.70		(0.780	) [1]	4.10		(0.970	) [1]	2.20		(1.10	) [1]
Barium	93.9		(0.220	) [1]	88.0		(0.200	) [1]	80.1		(0.240	) [1]	71.2		(0.270	) [1]
Beryllium	0.240		(0.220	) [1]	ND		(0.200	) [1]	0.540		(0.240	) [1]	0.330		(0.270	) [1]
Cadmium	0.810	K	(0.220	) [1]	0.350	K	(0.200	) [1]	1.00	K	(0.240	) [1]	0.630	K	(0.270	) [1]
Calcium	9580		(5.80	) [1]	9450		(5.10	) [1]	6650		(6.30	) [1]	9250		(6.90	) [1]
Chromium	24.6		(0.220	) [1]	20.6		(0.200	) [1]	59.6		(0.240	) [1]	36.4		(0.270	) [1]
Cobalt	18.1		(0.220	) [1]	18.8		(0.200	) [1]	34.7		(0.240	) [1]	27.4		(0.270	) [1]
Copper	103		(0.220	) [1]	103		(0.200	) [1]	179		(0.240	) [1]	143		(0.270	) [1]
Iron	39000		(3.10	) [1]	40300		(2.70	) [1]	74700		(3.40	) [1]	63500		(3.70	) [1]
Lead	120		(0.440	) [1]	9.80		(0.390	) [1]	225		(0.490	) [1]	51.5		(0.530	) [1]
Magnesium	7380		(2.00	) [1]	8290		(1.80	) [1]	11400		(2.20	) [1]	9800		(2.40	) [1]
Manganese	786		(0.220	) [1]	771		(0.200	) [1]	1300		(0.240	) [1]	1100		(0.270	) [1]
Mercury	0.120		(0.0300	) [1]	0.0700		(0.0200	) [1]	0.0900		(0.0300	) [1]	0.0600		(0.0300	) [1]
Nickel	23.0		(0.440	) [1]	22.9		(0.390	) [1]	51.2		(0.490	) [1]	34.1		(0.530	) [1]
Potassium	606		(1.30	) [1]	284		(1.20	) [1]	568		(1.50	) [1]	172		(1.60	) [1]
Selenium	1.30	L	(0.440	) [1]	0.670	L	(0.390	) [1]	1.30	L	(0.490	) [1]	1.50	L	(0.530	) [1]
Silver	0.280		(0.220	) [1]	ND		(0.200	) [1]	0.380		(0.240	) [1]	ND		(0.270	) [1]
Sodium	1280		(22.2	) [1]	1520		(19.6	) [1]	659		(24.3	) [1]	1270		(26.6	) [1]
Thallium	ND	UL	(0.890	) [1]	ND	UL	(0.780	) [1]	ND	UL	(0.970	) [1]	ND	UL	(1.10	) [1]
Vanadium	151		(0.220	) [1]	152		(0.200	) [1]	322		(0.240	) [1]	288		(0.270	) [1]
Zinc	133		(0.220	) [1]	50.8		(0.200	) [1]	214		(0.240	) [1]	65.7		(0.270	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)	TRND TRND-SO01 NA-TRND-SO01-01 15-MAR-98 0-3		TRND TRND-SO01 NA-TRND-SO01-02 15-MAR-98 3-12		TRND TRND-SO02 NA-TRND-SO02-01 15-MAR-98 0-3		TRND TRND-SO02 NA-TRND-SO02-02 15-MAR-98 3-12	
SW9045C - pH (pH units)									
pH	5.83	(0.0100	) [1]	6.50	(0.0100) [1]	6.50	(0.0100	) [1]	6.42	(0.0100	) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	TRND			TRND			TRND			TRND		
Location Id	TRND-SO03			TRND-SO03			TRND-SO04			TRND-SO04		
Sample Id	NA-TRND-SO03-01			NA-TRND-SO03-02			NA-TRND-SO04-31			NA-TRND-SO04-11 Dup of NA-TRND-SO04-31		
Log Date	15-MAR-98			15-MAR-98			10-MAR-98			10-MAR-98		
Beg. Depth - End Depth (in.)	0-3			3-12			0-3			0-3		
E160.3 - Percent Moisture (percent)												
Percent moisture	30.0		0 [1]	38.2		0 [1]	44.6		0 [1]	45.7		0 [1]
ILM04.0 - Total Cyanide (mg/kg)												
Cyanide	0.550		(0.350) [1]	ND		(0.340) [1]	1.30		(0.430) [1]	1.20		(0.460) [1]
ILMO4.0 - CLP Metals (mg/kg)												
Aluminum	49300		(2.20) [1]	75900		(2.60) [1]	47100		(2.80) [1]	51800		(3.00) [1]
Antimony	1.40	J	(0.560) [1]	ND	UL	(0.640) [1]	57.6	L	(0.700) [1]	64.5	L	(0.740) [1]
Arsenic	3.30		(0.750) [1]	2.80		(0.850) [1]	10.7		(0.930) [1]	11.7		(0.990) [1]
Barium	85.1		(0.190) [1]	99.1		(0.210) [1]	1380		(0.230) [1]	1350		(0.250) [1]
Beryllium	0.330		(0.190) [1]	0.450		(0.210) [1]	ND		(0.230) [1]	ND		(0.250) [1]
Cadmium	0.800	K	(0.190) [1]	0.890	K	(0.210) [1]	23.0		(0.230) [1]	24.3		(0.250) [1]
Calcium	9550		(4.90) [1]	12600		(5.50) [1]	16500		(6.10) [1]	16300		(6.40) [1]
Chromium	33.1		(0.190) [1]	41.0		(0.210) [1]	95.9		(0.230) [1]	96.5		(0.250) [1]
Cobalt	19.3		(0.190) [1]	27.7		(0.210) [1]	22.6		(0.230) [1]	25.1		(0.250) [1]
Copper	98.1		(0.190) [1]	145		(0.210) [1]	591		(0.230) [1]	650		(0.250) [1]
Iron	44400		(2.60) [1]	62200		(3.00) [1]	48600		(3.30) [1]	49500		(3.50) [1]
Lead	43.6		(0.370) [1]	28.2		(0.430) [1]	1420		(0.470) [1]	1530		(0.490) [1]
Magnesium	7950		(1.70) [1]	11200		(1.90) [1]	7570		(2.10) [1]	8210		(2.20) [1]
Manganese	778		(0.190) [1]	1240		(0.210) [1]	1200		(0.230) [1]	1340		(0.250) [1]
Mercury	0.0700		(0.0200) [1]	0.0700		(0.0200) [1]	2.50		(0.0600) [2]	2.40		(0.0600) [2]
Nickel	28.9		(0.370) [1]	35.3		(0.430) [1]	68.3		(0.230) [1]	76.8		(0.250) [1]
Potassium	783		(1.10) [1]	560		(1.30) [1]	1840		(1.40) [1]	1790		(1.50) [1]

Compiled: 06/29/98

0 = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO03 NA-TRND-SO03-01 15-MAR-98 0-3					TRND TRND-SO03 NA-TRND-SO03-02 15-MAR-98 3-12					TRND TRND-SO04 NA-TRND-SO04-31 10-MAR-98 0-3					TRND TRND-SO04 NA-TRND-SO04-11 Dup of NA-TRND-SO04-31 10-MAR-98 0-3				
ILMO4.0 - CLP Metals, cont. (mg/kg)																	
Selenium	0.940	L	(0.370	) [1]		0.850	L	(0.430	) [1]		1.40	L	(0.470	) [1]		1.00	L	(0.490	) [1]
Silver	0.290		(0.190	) [1]		0.330		(0.210	) [1]		123		(0.230	) [1]		131		(0.250	) [1]
Sodium	737		(18.7	) [1]		1160		(21.3	) [1]		467		(23.3	) [1]		469		(24.7	) [1]
Thallium	ND	UL	(0.750	) [1]		ND	UL	(0.850	) [1]		3.10	L	(0.930	) [1]		3.90	L	(0.990	) [1]
Vanadium	165		(0.190	) [1]		254		(0.210	) [1]		160		(0.230	) [1]		168		(0.250	) [1]
Zinc	191		(0.190	) [1]		97.7		(0.210	) [1]		3010		(0.230	) [1]		3180		(0.250	) [1]
SW9045C - pH (pH units)																	
pH	7.07		(0.0100	) [1]		7.21		(0.0100	) [1]		6.74		(0.0100	) [1]		6.75		(0.0100	) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted]Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)			
	TRND				TRND				TRND				TRND	TRND			
	TRND-SO04				TRND-SO05				TRND-SO06				TRND-SO07	TRND-SO07			
	NA-TRND-SO04-02				NA-TRND-SO05-01				NA-TRND-SO06-01				NA-TRND-SO07-01	NA-TRND-SO07-01			
	10-MAR-98				10-MAR-98				15-MAR-98				10-MAR-98	10-MAR-98			
	3-12				0-3				0-3				0-3	0-3			
E160.3 - Percent Moisture (percent)																	
Percent moisture	28.4		0	[1]	43.8		0	[1]	33.9		0	[1]	44.2		0		[1]
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	ND		(0.330	) [1]	0.480		(0.440	) [1]	1.50		(0.370	) [1]	0.540		(0.410		) [1]
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	41900		(2.20	) [1]	49500		(2.80	) [1]	52700		(2.40	) [1]	40800		(2.80		) [1]
Antimony	22.5	L	(0.550	) [1]	5.70	L	(0.700	) [1]	3.90	J	(0.610	) [1]	1.50	J	(0.710		) [1]
Arsenic	8.90		(0.730	) [1]	3.90		(0.930	) [1]	3.70		(0.810	) [1]	4.00		(0.950		) [1]
Barium	606		(0.180	) [1]	148		(0.230	) [1]	73.7		(0.200	) [1]	76.0		(0.240		) [1]
Beryllium	ND		(0.180	) [1]	ND		(0.230	) [1]	0.250		(0.200	) [1]	ND		(0.240		) [1]
Cadmium	10.4		(0.180	) [1]	1.40	K	(0.230	) [1]	2.90	K	(0.200	) [1]	1.60	K	(0.240		) [1]
Calcium	13900		(4.70	) [1]	10700		(6.00	) [1]	9340		(5.20	) [1]	6040		(6.20		) [1]
Chromium	57.7		(0.180	) [1]	36.7		(0.230	) [1]	30.8		(0.200	) [1]	20.6		(0.240		) [1]
Cobalt	19.8		(0.180	) [1]	24.6		(0.230	) [1]	20.8		(0.200	) [1]	18.4		(0.240		) [1]
Copper	1290		(0.180	) [1]	159		(0.230	) [1]	181		(0.200	) [1]	101		(0.240		) [1]
Iron	45800		(2.60	) [1]	50100		(3.30	) [1]	43400		(2.80	) [1]	36800		(3.30		) [1]
Lead	869		(0.370	) [1]	72.4		(0.470	) [1]	83.1		(0.400	) [1]	42.4		(0.470		) [1]
Magnesium	10900		(1.60	) [1]	9060		(2.10	) [1]	8230		(1.80	) [1]	7970		(2.10		) [1]
Manganese	1150		(0.180	) [1]	830		(0.230	) [1]	809		(0.200	) [1]	733		(0.240		) [1]
Mercury	1.20		(0.0500	) [2]	0.170		(0.0300	) [1]	0.330		(0.0300	) [1]	0.150		(0.0300		) [1]
Nickel	72.0		(0.180	) [1]	34.6		(0.230	) [1]	29.8		(0.400	) [1]	25.4		(0.240		) [1]
Potassium	1080		(1.10	) [1]	1030		(1.40	) [1]	336		(1.20	) [1]	324		(1.40		) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO04				TRND-SO05				TRND-SO06				TRND-SO07	
	NA-TRND-SO04-02				NA-TRND-SO05-01				NA-TRND-SO06-01				NA-TRND-SO07-01	
	10-MAR-98				10-MAR-98				15-MAR-98				10-MAR-98	
	3-12				0-3				0-3				0-3	
ILMO4.0 - CLP Metals, cont. (mg/kg)														
Selenium	ND	UL	(0.370	) [1]	ND	UL	(0.470	) [1]	1.30	L	(0.400	) [1]	0.520	L (0.470) [1]
Silver	53.3		(0.180	) [1]	1.10		(0.230	) [1]	0.440		(0.200	) [1]	0.280	(0.240) [1]
Sodium	473		(18.3	) [1]	358		(23.3	) [1]	1630		(20.2	) [1]	698	(23.7) [1]
Thallium	3.30	L	(0.730	) [1]	3.80	L	(0.930	) [1]	ND	UL	(0.810	) [1]	2.40	L (0.950) [1]
Vanadium	143		(0.180	) [1]	202		(0.230	) [1]	174		(0.200	) [1]	141	(0.240) [1]
Zinc	1710		(0.180	) [1]	284		(0.230	) [1]	186		(0.200	) [1]	116	(0.240) [1]
SW9045C - pH (pH units)														
pH	5.88		(0.0100	) [1]	7.20		(0.0100	) [1]	4.89		(0.0100	) [1]	6.12	(0.0100) [1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	TRND			TRND			TRND			TRND				
Location Id	TRND-SO08			TRND-SO09			TRND-SO10			TRND-SO10				
Sample Id	NA-TRND-SO08-01			NA-TRND-SO09-01			NA-TRND-SO10-01			NA-TRND-SO10-02				
Log Date	10-MAR-98			10-MAR-98			10-MAR-98			10-MAR-98				
Beg. Depth - End Depth (in.)	0-3			0-3			0-3			3-12				
E160.3 - Percent Moisture (percent)														
Percent moisture	52.3		()	[1]	48.2		()	[1]	47.2		()	[1]	43.9		()	[1]
ILM04.0 - Total Cyanide (mg/kg)														
Cyanide	ND		(0.510	) [1]	ND		(0.460	) [1]	0.840		(0.470	) [1]	0.520		(0.400	) [1]
ILMO4.0 - CLP Metals (mg/kg)														
Aluminum	62000		(3.30	) [1]	65700		(3.00	) [1]	64300		(2.90	) [1]	66200		(2.80	) [1]
Antimony	7.20	L	(0.830	) [1]	7.50	L	(0.760	) [1]	4.30	L	(0.710	) [1]	3.20	J	(0.700	) [1]
Arsenic	6.70		(1.10	) [1]	4.90		(1.00	) [1]	5.30		(0.950	) [1]	4.10		(0.940	) [1]
Barium	115		(0.280	) [1]	129		(0.250	) [1]	141		(0.240	) [1]	104		(0.230	) [1]
Beryllium	ND		(0.280	) [1]	ND		(0.250	) [1]	ND		(0.240	) [1]	ND		(0.230	) [1]
Cadmium	1.90	K	(0.280	) [1]	1.80	K	(0.250	) [1]	2.10	K	(0.240	) [1]	1.40	K	(0.230	) [1]
Calcium	5900		(7.20	) [1]	6200		(6.60	) [1]	11800		(6.20	) [1]	10200		(6.10	) [1]
Chromium	48.0		(0.280	) [1]	42.8		(0.250	) [1]	43.5		(0.240	) [1]	42.6		(0.230	) [1]
Cobalt	26.7		(0.280	) [1]	26.8		(0.250	) [1]	25.4		(0.240	) [1]	25.6		(0.230	) [1]
Copper	163		(0.280	) [1]	163		(0.250	) [1]	172		(0.240	) [1]	151		(0.230	) [1]
Iron	54100		(3.90	) [1]	55000		(3.50	) [1]	54600		(3.30	) [1]	55700		(3.30	) [1]
Lead	100		(0.560	) [1]	94.7		(0.500	) [1]	137		(0.480	) [1]	89.9		(0.470	) [1]
Magnesium	8630		(2.50	) [1]	8550		(2.30	) [1]	9040		(2.10	) [1]	8400		(2.10	) [1]
Manganese	1070		(0.280	) [1]	1060		(0.250	) [1]	1050		(0.240	) [1]	1020		(0.230	) [1]
Mercury	0.200		(0.0300	) [1]	0.190		(0.0300	) [1]	0.210		(0.0300	) [1]	0.130		(0.0300	) [1]
Nickel	46.6		(0.280	) [1]	42.3		(0.250	) [1]	38.3		(0.240	) [1]	36.0		(0.230	) [1]
Potassium	653		(1.70	) [1]	848		(1.50	) [1]	1570		(1.40	) [1]	672		(1.40	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date	Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND	
	TRND-SO08				TRND-SO09				TRND-SO10				TRND-SO10	
	NA-TRND-SO08-01				NA-TRND-SO09-01				NA-TRND-SO10-01				NA-TRND-SO10-02	
	10-MAR-98				10-MAR-98				10-MAR-98				10-MAR-98	
	0-3				0-3				0-3				3-12	
ILMO4.0 - CLP Metals, cont. (mg/kg)														
Selenium	1.20	L	(0.560	) [1]	0.870	L	(0.500	) [1]	ND	UL	(0.480	) [1]	ND	UL (0.470) [1]
Silver	0.810		(0.280	) [1]	0.820		(0.250	) [1]	0.990		(0.240	) [1]	0.450	(0.230) [1]
Sodium	482		(27.8	) [1]	513		(25.2	) [1]	462		(23.8	) [1]	341	(23.5) [1]
Thallium	2.60	L	(1.10	) [1]	4.30	L	(1.00	) [1]	3.90	L	(0.950	) [1]	3.50	L (0.940) [1]
Vanadium	235		(0.280	) [1]	238		(0.250	) [1]	209		(0.240	) [1]	232	(0.230) [1]
Zinc	264		(0.280	) [1]	260		(0.250	) [1]	441		(0.240	) [1]	203	(0.230) [1]
SW9045C - pH (pH units)														
pH	5.77		(0.0100	) [1]	5.92		(0.0100	) [1]	6.96		(0.0100	) [1]	7.42	(0.0100) [1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO11 NA-TRND-SO11-01 10-MAR-98 0-3						TRND TRND-SO12 NA-TRND-SO12-01 10-MAR-98 0-3						TRND TRND-SO12 NA-TRND-SO12-11 Dup of NA-TRND-SO12-01 15-MAR-98 0-3						TRND TRND-SO13 NA-TRND-SO13-01 15-MAR-98 0-3					
D422 - Particle Size Distribution (%)																								
%Clay	NA						6.20		(	0	)	[1]	7.30		(	0	)	[1]	NA					
%Gravel	NA						0.00		(	0	)	[1]	0.00		(	0	)	[1]	NA					
%Sand	NA						52.3		(	0	)	[1]	54.4		(	0	)	[1]	NA					
%Silt	NA						41.5		(	0	)	[1]	38.3		(	0	)	[1]	NA					
Mean Particle Size(mm)	NA						0.0910		(	0	)	[1]	0.110		(	0	)	[1]	NA					
E160.3 - Percent Moisture (percent)																								
Percent moisture	31.0		(	0	)	[1]	50.4		(	0	)	[1]	49.7		(	0	)	[1]	46.2		(	0	)	[1]
E300 - Anions (mg/kg)																								
Chloride	NA						4.70		(	2.02	)	[1]	5.18		(	1.99	)	[1]	5.00		(	1.86	)	[1]
Fluoride	NA						2.24		(	2.02	)	[1]	2.71		(	1.99	)	[1]	2.67		(	1.86	)	[1]
Sulfate	NA						99.4		(	2.02	)	[1]	108		(	1.99	)	[1]	102		(	1.86	)	[1]
E353.2 - Nitrate (mg/kg)																								
Nitrate	NA						ND		(	1.01	)	[1]	ND		(	0.990	)	[1]	ND		(	0.920	)	[1]
ILM04.0 - Total Cyanide (mg/kg)																								
Cyanide	ND		(	0.350	)	[1]	1.00		(	0.460	)	[1]	1.10		(	0.470	)	[1]	1.00		(	0.460	)	[1]
ILMO4.0 - CLP Metals (mg/kg)																								
Aluminum	49400		(	2.20	)	[1]	88100		(	3.20	)	[1]	87500		(	3.10	)	[1]	67500		(	2.90	)	[1]
Antimony	1.80	J	(	0.540	)	[1]	3.10	J	(	0.790	)	[1]	3.20	J	(	0.760	)	[1]	3.70	J	(	0.710	)	[1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id			Location Id			Sample Id			Log Date	Beg. Depth - End Depth (in.)
	TRND			TRND			TRND			TRND	
	TRND-SO11			TRND-SO12			TRND-SO12			TRND-SO13	
	NA-TRND-SO11-01			NA-TRND-SO12-01			NA-TRND-SO12-11 Dup of NA-TRND-SO12-01			NA-TRND-SO13-01	
	10-MAR-98			10-MAR-98			15-MAR-98			15-MAR-98	
	0-3			0-3			0-3			0-3	
ILMO4.0 - CLP Metals, cont. (mg/kg)											
Arsenic	3.40		(0.720) [1]	6.00		(1.10) [1]	5.70		(1.00) [1]	3.80	(0.950) [1]
Barium	69.4		(0.180) [1]	68.2		(0.260) [1]	62.0		(0.250) [1]	96.3	(0.240) [1]
Beryllium	ND		(0.180) [1]	0.450		(0.260) [1]	0.490		(0.250) [1]	0.310	(0.240) [1]
Cadmium	0.710	K	(0.180) [1]	1.60	K	(0.260) [1]	1.60	K	(0.250) [1]	1.40	K (0.240) [1]
Calcium	11800		(4.70) [1]	2710		(6.90) [1]	2460		(6.60) [1]	7680	(6.20) [1]
Chromium	26.3		(0.180) [1]	61.0		(0.260) [1]	72.1		(0.250) [1]	41.0	(0.240) [1]
Cobalt	20.2		(0.180) [1]	34.6		(0.260) [1]	32.9		(0.250) [1]	25.4	(0.240) [1]
Copper	115		(0.180) [1]	180		(0.260) [1]	179		(0.250) [1]	158	(0.240) [1]
Iron	45600		(2.50) [1]	75400		(3.70) [1]	72600		(3.60) [1]	56100	(3.30) [1]
Lead	28.4		(0.360) [1]	63.6		(0.530) [1]	56.6		(0.510) [1]	117	(0.480) [1]
Magnesium	9040		(1.60) [1]	10600		(2.40) [1]	8430		(2.30) [1]	8900	(2.10) [1]
Manganese	886		(0.180) [1]	1250		(0.260) [1]	1220		(0.250) [1]	1000	(0.240) [1]
Mercury	0.0700		(0.0200) [1]	0.140		(0.0300) [1]	0.120		(0.0300) [1]	0.160	(0.0300) [1]
Nickel	26.0		(0.180) [1]	55.7		(0.530) [1]	110		(0.510) [1]	36.9	(0.480) [1]
Potassium	649		(1.10) [1]	431		(1.60) [1]	398		(1.50) [1]	771	(1.40) [1]
Selenium	ND	UL	(0.360) [1]	2.00	L	(0.530) [1]	2.40	L	(0.510) [1]	1.30	L (0.480) [1]
Silver	0.370		(0.180) [1]	0.500		(0.260) [1]	0.500		(0.250) [1]	0.620	(0.240) [1]
Sodium	637		(18.1) [1]	403		(26.4) [1]	381		(25.5) [1]	769	(23.8) [1]
Thallium	3.40	L	(0.720) [1]	ND	UL	(1.10) [1]	ND	UL	(1.00) [1]	ND	UL (0.950) [1]
Vanadium	189		(0.180) [1]	351		(0.260) [1]	344		(0.250) [1]	232	(0.240) [1]
Zinc	101		(0.180) [1]	152		(0.260) [1]	143		(0.250) [1]	184	(0.240) [1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		TRND TRND-SO11 NA-TRND-SO11-01 10-MAR-98 0-3		TRND TRND-SO12 NA-TRND-SO12-01 10-MAR-98 0-3		TRND TRND-SO12 NA-TRND-SO12-11 Dup of NA-TRND-SO12-01 15-MAR-98 0-3		TRND TRND-SO13 NA-TRND-SO13-01 15-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	7.44	(0.0100)	[1]	5.63	(0.0100) [1]	5.60	(0.0100) [1]	6.32	(0.0100) [1]

Compiled: 06/29/98

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Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO14 NA-TRND-SO14-01 15-MAR-98 0-3					TRND TRND-SO15 NA-TRND-SO15-01 15-MAR-98 0-3					TRND TRND-SO15 NA-TRND-SO15-02 15-MAR-98 3-12					TRND TRND-SO15 NA-TRND-SO15-12 Dup of NA-TRND-SO15-02 15-MAR-98 3-12				
E160.3 - Percent Moisture (percent)																				
Percent moisture	45.7		()		[1]	43.4		()		[1]	42.8		()		[1]	43.7		()		[1]
ILM04.0 - Total Cyanide (mg/kg)																				
Cyanide	0.910		(0.410	)	[1]	0.580		(0.430	)	[1]	0.510		(0.370	)	[1]	0.620		(0.380	)	[1]
ILMO4.0 - CLP Metals (mg/kg)																				
Aluminum	75600		(2.90	)	[1]	68200		(2.80	)	[1]	72300		(2.70	)	[1]	74400		(2.80	)	[1]
Antimony	1.50	J	(0.740	)	[1]	2.40	J	(0.690	)	[1]	ND	UL	(0.680	)	[1]	ND	UL	(0.690	)	[1]
Arsenic	4.10		(0.980	)	[1]	4.00		(0.920	)	[1]	2.50		(0.910	)	[1]	2.30		(0.920	)	[1]
Barium	90.1		(0.250	)	[1]	82.3		(0.230	)	[1]	79.6		(0.230	)	[1]	96.5		(0.230	)	[1]
Beryllium	0.420		(0.250	)	[1]	0.350		(0.230	)	[1]	0.360		(0.230	)	[1]	0.440		(0.230	)	[1]
Cadmium	0.940	K	(0.250	)	[1]	1.10	K	(0.230	)	[1]	0.680	K	(0.230	)	[1]	0.770	K	(0.230	)	[1]
Calcium	11400		(6.40	)	[1]	10700		(6.00	)	[1]	8650		(5.90	)	[1]	8870		(6.00	)	[1]
Chromium	39.7		(0.250	)	[1]	37.7		(0.230	)	[1]	39.5	J	(0.230	)	[1]	37.6	J	(0.230	)	[1]
Cobalt	27.5		(0.250	)	[1]	26.6		(0.230	)	[1]	27.4		(0.230	)	[1]	28.6		(0.230	)	[1]
Copper	144		(0.250	)	[1]	133		(0.230	)	[1]	138		(0.230	)	[1]	141		(0.230	)	[1]
Iron	61300		(3.40	)	[1]	58200		(3.20	)	[1]	61400		(3.20	)	[1]	62300		(3.20	)	[1]
Lead	17.2		(0.490	)	[1]	48.3		(0.460	)	[1]	8.70		(0.450	)	[1]	9.00		(0.460	)	[1]
Magnesium	9300		(2.20	)	[1]	9300		(2.10	)	[1]	8260		(2.00	)	[1]	8640		(2.10	)	[1]
Manganese	1120		(0.250	)	[1]	1140		(0.230	)	[1]	1100		(0.230	)	[1]	1170		(0.230	)	[1]
Mercury	0.0500		(0.0300	)	[1]	0.130		(0.0300	)	[1]	0.0400		(0.0300	)	[1]	0.0300		(0.0300	)	[1]
Nickel	33.8		(0.490	)	[1]	38.2		(0.460	)	[1]	46.4	J	(0.230	)	[1]	36.0	J	(0.230	)	[1]
Potassium	656		(1.50	)	[1]	595		(1.40	)	[1]	224		(1.40	)	[1]	242		(1.40	)	[1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)															
	TRND	TRND-SO14	NA-TRND-SO14-01	15-MAR-98	0-3				TRND	TRND-SO15	NA-TRND-SO15-01	15-MAR-98	0-3				TRND	TRND-SO15	NA-TRND-SO15-02	15-MAR-98	3-12				TRND	TRND-SO15	NA-TRND-SO15-12 Dup of NA-TRND-SO15-02	15-MAR-98	3-12	
ILMO4.0 - CLP Metals, cont. (mg/kg)																														
Selenium	1.50	L	(0.490	) [1]	1.30	L	(0.460	) [1]	1.90	L	(0.450	) [1]	1.70	L	(0.460	) [1]				
Silver	ND		(0.250	) [1]	0.460		(0.230	) [1]	ND		(0.230	) [1]	ND		(0.230	) [1]				
Sodium	1020		(24.6	) [1]	1330		(22.9	) [1]	1400	J	(22.7	) [1]	1510	J	(22.9	) [1]				
Thallium	ND	UL	(0.980	) [1]	ND	UL	(0.920	) [1]	ND	UL	(0.910	) [1]	ND	UL	(0.920	) [1]				
Vanadium	260		(0.250	) [1]	245		(0.230	) [1]	264		(0.230	) [1]	269		(0.230	) [1]				
Zinc	113		(0.250	) [1]	132		(0.230	) [1]	56.0		(0.230	) [1]	58.5		(0.230	) [1]				
SW9045C - pH (pH units)																				
pH	6.71		(0.0100	) [1]	6.01		(0.0100	) [1]	5.72		(0.0100	) [1]	5.86		(0.0100	) [1]				

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO16 NA-TRND-SO16-01 15-MAR-98 0-3					TRND TRND-SO17 NA-TRND-SO17-01 17-MAR-98 0-3					TRND TRND-SO18 NA-TRND-SO18-01 17-MAR-98 0-3					TRND TRND-SO19 NA-TRND-SO19-01 17-MAR-98 0-3				
E160.3 - Percent Moisture (percent)																				
Percent moisture	45.2		0		[1]	30.1		0		[1]	38.3		0		[1]	40.6		0		[1]
ILM04.0 - Total Cyanide (mg/kg)																				
Cyanide	1.50		(0.350	)	[1]	0.340		(0.300	)	[1]	0.410		(0.360	)	[1]	1.20		(0.410	)	[1]
ILMO4.0 - CLP Metals (mg/kg)																				
Aluminum	76100		(2.90	)	[1]	55500		(2.30	)	[1]	57000		(2.50	)	[1]	87500		(2.70	)	[1]
Antimony	ND	UL	(0.730	)	[1]	ND	UL	(0.570	)	[1]	ND	UL	(0.640	)	[1]	2.60	L	(0.670	)	[1]
Arsenic	4.10		(0.970	)	[1]	3.00		(0.760	)	[1]	2.60		(0.850	)	[1]	5.20		(0.890	)	[1]
Barium	89.3		(0.240	)	[1]	56.7		(0.190	)	[1]	72.9		(0.210	)	[1]	66.3		(0.220	)	[1]
Beryllium	0.400		(0.240	)	[1]	0.340		(0.190	)	[1]	0.280		(0.210	)	[1]	0.490		(0.220	)	[1]
Cadmium	1.20	K	(0.240	)	[1]	0.870	K	(0.190	)	[1]	0.950	K	(0.210	)	[1]	1.50	K	(0.220	)	[1]
Calcium	8070		(6.30	)	[1]	7880		(5.00	)	[1]	9530		(5.50	)	[1]	4970		(5.80	)	[1]
Chromium	36.5	J	(0.240	)	[1]	31.1	J	(0.190	)	[1]	30.1	J	(0.210	)	[1]	56.8	J	(0.220	)	[1]
Cobalt	26.9		(0.240	)	[1]	21.4		(0.190	)	[1]	21.9		(0.210	)	[1]	33.6		(0.220	)	[1]
Copper	116		(0.240	)	[1]	112		(0.190	)	[1]	117		(0.210	)	[1]	173		(0.220	)	[1]
Iron	60800		(3.40	)	[1]	49900		(2.70	)	[1]	48100		(3.00	)	[1]	78500		(3.10	)	[1]
Lead	48.8		(0.480	)	[1]	30.3		(0.380	)	[1]	29.3		(0.420	)	[1]	36.7		(0.450	)	[1]
Magnesium	11300		(2.20	)	[1]	9270		(1.70	)	[1]	9150		(1.90	)	[1]	10600		(2.00	)	[1]
Manganese	1090		(0.240	)	[1]	893		(0.190	)	[1]	863		(0.210	)	[1]	1270		(0.220	)	[1]
Mercury	0.180		(0.0300	)	[1]	0.0800		(0.0200	)	[1]	0.0700		(0.0200	)	[1]	0.110		(0.0300	)	[1]
Nickel	36.1	J	(0.240	)	[1]	29.9	J	(0.190	)	[1]	30.1	J	(0.210	)	[1]	49.2	J	(0.220	)	[1]
Potassium	1220		(1.50	)	[1]	461		(1.10	)	[1]	315		(1.30	)	[1]	442		(1.30	)	[1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)
	TRND				TRND				TRND				TRND				
	TRND-SO16				TRND-SO17				TRND-SO18				TRND-SO19				
	NA-TRND-SO16-01				NA-TRND-SO17-01				NA-TRND-SO18-01				NA-TRND-SO19-01				
	15-MAR-98				17-MAR-98				17-MAR-98				17-MAR-98				
	0-3				0-3				0-3				0-3				
ILMO4.0 - CLP Metals, cont. (mg/kg)																	
Selenium	1.20	L	(0.480	) [1]	1.20	L	(0.380	) [1]	1.20	L	(0.420	) [1]	1.80	L	(0.450	) [1]	
Silver	ND		(0.240	) [1]	ND		(0.190	) [1]	ND		(0.210	) [1]	ND		(0.220	) [1]	
Sodium	630	J	(24.2	) [1]	997	J	(19.1	) [1]	1410	J	(21.2	) [1]	541	J	(22.3	) [1]	
Thallium	ND	UL	(0.970	) [1]	ND	UL	(0.760	) [1]	ND	UL	(0.850	) [1]	ND	UL	(0.890	) [1]	
Vanadium	235		(0.240	) [1]	199		(0.190	) [1]	194		(0.210	) [1]	330		(0.220	) [1]	
Zinc	251		(0.240	) [1]	90.3		(0.190	) [1]	84.8		(0.210	) [1]	303		(0.220	) [1]	
SW9045C - pH (pH units)																	
pH	6.13		(0.0100	) [1]	6.07		(0.0100	) [1]	6.56		(0.0100	) [1]	5.79		(0.0100	) [1]	

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter																	
Site Id				TRND			TRND			TRND			TRND		
Location Id				TRND-SO20			TRND-SO21			TRND-SO21			TRND-SO22		
Sample Id				NA-TRND-SO20-01			NA-TRND-SO21-01			NA-TRND-SO21-02			NA-TRND-SO22-01		
Log Date				16-MAR-98			16-MAR-98			16-MAR-98			16-MAR-98		
Beg. Depth - End Depth (in.)				0-3			0-3			3-12			0-3		
D422 - Particle Size Distribution (%)																	
%Clay	9.80			0		[1]	NA				NA			NA			
%Gravel	0.00			0		[1]	NA				NA			NA			
%Sand	63.2			0		[1]	NA				NA			NA			
%Silt	27.0			0		[1]	NA				NA			NA			
Mean Particle Size(mm)	0.205			0		[1]	NA				NA			NA			
E160.3 - Percent Moisture (percent)																	
Percent moisture	46.5			0		[1]	35.8		0	[1]	39.2		0	[1]	33.2		0 [1]
E300 - Anions (mg/kg)																	
Chloride	3.96		(	1.87	)	[1]	NA				NA			NA			
Fluoride	ND		(	1.87	)	[1]	NA				NA			NA			
Sulfate	37.5		(	1.87	)	[1]	NA				NA			NA			
E353.2 - Nitrate (mg/kg)																	
Nitrate	10.9		(	0.930	)	[1]	NA				NA			NA			
ILM04.0 - Total Cyanide (mg/kg)																	
Cyanide	0.920		(	0.390	)	[1]	0.390		(	0.340	) [1]	ND		(	0.410	) [1]	0.730		(0.360) [1]
ILMO4.0 - CLP Metals (mg/kg)																	
Aluminum	47400		(	2.90	)	[1]	66500		(	2.40	) [1]	84200		(	2.60	) [1]	53800		(2.30) [1]
Antimony	2.00	L	(	0.720	)	[1]	1.90	L	(	0.610	) [1]	2.90	L	(	0.660	) [1]	1.90	L	(0.590) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)																
	TRND / TRND-SO20 / NA-TRND-SO20-01 / 16-MAR-98 / 0-3							TRND / TRND-SO21 / NA-TRND-SO21-01 / 16-MAR-98 / 0-3							TRND / TRND-SO21 / NA-TRND-SO21-02 / 16-MAR-98 / 3-12							TRND / TRND-SO22 / NA-TRND-SO22-01 / 16-MAR-98 / 0-3						
ILMO4.0 - CLP Metals, cont. (mg/kg)																											
Arsenic	3.80		(	0.960	)	[1]		4.10		(	0.810	)	[1]		5.50		(	0.880	)	[1]		4.30		(	0.780	)	[1]	
Barium	84.9		(	0.240	)	[1]		72.9		(	0.200	)	[1]		78.5		(	0.220	)	[1]		115		(	0.200	)	[1]	
Beryllium	0.300		(	0.240	)	[1]		0.470		(	0.200	)	[1]		ND		(	0.220	)	[1]		ND		(	0.200	)	[1]	
Cadmium	2.20	K	(	0.240	)	[1]		1.30	K	(	0.200	)	[1]		1.50	K	(	0.220	)	[1]		3.80	K	(	0.200	)	[1]	
Calcium	9040		(	6.20	)	[1]		7730		(	5.30	)	[1]		7260		(	5.70	)	[1]		14000		(	5.10	)	[1]	
Chromium	31.4	J	(	0.240	)	[1]		40.4	J	(	0.200	)	[1]		55.3		(	0.220	)	[1]		44.5		(	0.200	)	[1]	
Cobalt	18.3		(	0.240	)	[1]		25.1		(	0.200	)	[1]		34.2		(	0.220	)	[1]		21.7		(	0.200	)	[1]	
Copper	97.8		(	0.240	)	[1]		129		(	0.200	)	[1]		171		(	0.220	)	[1]		114		(	0.200	)	[1]	
Iron	40400		(	3.40	)	[1]		57700		(	2.90	)	[1]		75200		(	3.10	)	[1]		48200		(	2.70	)	[1]	
Lead	65.4		(	0.480	)	[1]		80.5		(	0.410	)	[1]		42.8		(	0.440	)	[1]		135		(	0.390	)	[1]	
Magnesium	7650		(	2.20	)	[1]		10600		(	1.80	)	[1]		15100		(	2.00	)	[1]		9540		(	1.80	)	[1]	
Manganese	757		(	0.240	)	[1]		996		(	0.200	)	[1]		1280		(	0.220	)	[1]		877		(	0.200	)	[1]	
Mercury	0.160		(	0.0300	)	[1]		0.0900		(	0.0300	)	[1]		0.0500		(	0.0300	)	[1]		0.0800		(	0.0200	)	[1]	
Nickel	26.9	J	(	0.240	)	[1]		48.8	J	(	0.200	)	[1]		48.2		(	0.220	)	[1]		31.3		(	0.200	)	[1]	
Potassium	643		(	1.40	)	[1]		695		(	1.20	)	[1]		619		(	1.30	)	[1]		879		(	1.20	)	[1]	
Selenium	1.30	L	(	0.480	)	[1]		1.10	L	(	0.410	)	[1]		ND	UL	(	0.440	)	[1]		ND	UL	(	0.390	)	[1]	
Silver	2.10		(	0.240	)	[1]		ND		(	0.200	)	[1]		0.380		(	0.220	)	[1]		0.320		(	0.200	)	[1]	
Sodium	1180	J	(	24.0	)	[1]		805	J	(	20.4	)	[1]		897		(	21.9	)	[1]		1200		(	19.6	)	[1]	
Thallium	ND	UL	(	0.960	)	[1]		ND	UL	(	0.810	)	[1]		5.20		(	0.880	)	[1]		2.20		(	0.780	)	[1]	
Vanadium	160		(	0.240	)	[1]		233		(	0.200	)	[1]		301		(	0.220	)	[1]		196		(	0.200	)	[1]	
Zinc	224		(	0.240	)	[1]		176		(	0.200	)	[1]		117		(	0.220	)	[1]		254		(	0.200	)	[1]	

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
	TRND TRND-SO20 NA-TRND-SO20-01 16-MAR-98 0-3		TRND TRND-SO21 NA-TRND-SO21-01 16-MAR-98 0-3		TRND TRND-SO21 NA-TRND-SO21-02 16-MAR-98 3-12		TRND TRND-SO22 NA-TRND-SO22-01 16-MAR-98 0-3	
SW9045C - pH (pH units)								
pH	6.10	(0.0100) [1]	6.31	(0.0100) [1]	6.57	(0.0100) [1]	6.78	(0.0100) [1]

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id			Location Id			Sample Id			Log Date			Beg. Depth - End Depth (in.)		
	TRND			TRND			TRND			TRND					
	TRND-SO22			TRND-SO23			TRND-SO23			TRND-SO24					
	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01			NA-TRND-SO23-01			NA-TRND-SO23-02			NA-TRND-SO24-31					
	16-MAR-98			16-MAR-98			16-MAR-98			17-MAR-98					
	0-3			0-3			3-12			0-3					
E160.3 - Percent Moisture (percent)															
Percent moisture	31.0		0	[1]	47.6		0	[1]	58.9		0	[1]	36.7		0	[1]
ILM04.0 - Total Cyanide (mg/kg)															
Cyanide	ND		(0.350	) [1]	ND		(0.470	) [1]	ND		(0.580	) [1]	1.20		(0.330	) [1]
ILMO4.0 - CLP Metals (mg/kg)															
Aluminum	52100		(2.30	) [1]	83800		(3.00	) [1]	116000		(3.90	) [1]	67800		(2.50	) [1]
Antimony	1.80	L	(0.580	) [1]	2.60	L	(0.750	) [1]	1.10	L	(0.970	) [1]	0.900	L	(0.620	) [1]
Arsenic	4.70		(0.780	) [1]	5.70		(1.00	) [1]	4.40		(1.30	) [1]	3.90		(0.830	) [1]
Barium	188		(0.190	) [1]	75.0		(0.250	) [1]	55.0		(0.320	) [1]	92.2		(0.210	) [1]
Beryllium	ND		(0.190	) [1]	ND		(0.250	) [1]	0.920		(0.320	) [1]	0.400		(0.210	) [1]
Cadmium	3.60	K	(0.190	) [1]	1.80	K	(0.250	) [1]	1.00	K	(0.320	) [1]	1.50	K	(0.210	) [1]
Calcium	12700		(5.10	) [1]	3290		(6.50	) [1]	3090		(8.40	) [1]	9240		(5.40	) [1]
Chromium	41.6		(0.190	) [1]	56.4		(0.250	) [1]	76.5	J	(0.320	) [1]	35.8	J	(0.210	) [1]
Cobalt	21.1		(0.190	) [1]	32.3		(0.250	) [1]	42.3		(0.320	) [1]	25.4		(0.210	) [1]
Copper	119		(0.190	) [1]	171		(0.250	) [1]	207		(0.320	) [1]	134		(0.210	) [1]
Iron	48900		(2.70	) [1]	72000		(3.50	) [1]	97100		(4.50	) [1]	57100		(2.90	) [1]
Lead	125		(0.390	) [1]	57.9		(0.500	) [1]	6.70		(0.650	) [1]	40.5		(0.420	) [1]
Magnesium	9080		(1.70	) [1]	7900		(2.30	) [1]	9640		(2.90	) [1]	9590		(1.90	) [1]
Manganese	875		(0.190	) [1]	1230		(0.250	) [1]	1540		(0.320	) [1]	1040		(0.210	) [1]
Mercury	0.0800		(0.0200	) [1]	0.160		(0.0300	) [1]	0.0400		(0.0400	) [1]	0.130		(0.0200	) [1]
Nickel	30.6		(0.190	) [1]	46.6		(0.250	) [1]	57.7	J	(0.320	) [1]	34.0	J	(0.210	) [1]
Potassium	853		(1.20	) [1]	550		(1.50	) [1]	241		(1.90	) [1]	611		(1.20	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Beg. Depth - End Depth (in.)	Result	Qual	(Det. Limit) [Dil. Factor]
ILMO4.0 - CLP Metals, cont. (mg/kg)								
Selenium	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	ND	UL	(0.390) [1]
Silver	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	0.290		(0.190) [1]
Sodium	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	1120		(19.4) [1]
Thallium	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	2.20		(0.780) [1]
Vanadium	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	206		(0.190) [1]
Zinc	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	228		(0.190) [1]
Selenium	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	0.850	L	(0.500) [1]
Silver	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	0.440		(0.250) [1]
Sodium	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	344		(25.1) [1]
Thallium	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	3.70		(1.00) [1]
Vanadium	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	344		(0.250) [1]
Zinc	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	150		(0.250) [1]
Selenium	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	3.00	L	(0.650) [1]
Silver	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	ND		(0.320) [1]
Sodium	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	137	J	(32.4) [1]
Thallium	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	ND	UL	(1.30) [1]
Vanadium	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	474		(0.320) [1]
Zinc	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	61.6		(0.320) [1]
Selenium	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	1.60	L	(0.420) [1]
Silver	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	ND		(0.210) [1]
Sodium	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	1140	J	(20.8) [1]
Thallium	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	ND	UL	(0.830) [1]
Vanadium	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	234		(0.210) [1]
Zinc	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	114		(0.210) [1]
SW9045C - pH (pH units)								
pH	TRND	TRND-SO22	NA-TRND-SO22-11 Dup of NA-TRND-SO22-01	16-MAR-98	0-3	6.71		(0.0100) [1]
pH	TRND	TRND-SO23	NA-TRND-SO23-01	16-MAR-98	0-3	6.11		(0.0100) [1]
pH	TRND	TRND-SO23	NA-TRND-SO23-02	16-MAR-98	3-12	6.52		(0.0100) [1]
pH	TRND	TRND-SO24	NA-TRND-SO24-31	17-MAR-98	0-3	5.97		(0.0100) [1]

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date / Beg. Depth - End Depth (in.)																
	TRND / TRND-SO25 / NA-TRND-SO25-01 / 17-MAR-98 / 0-3							TRND / TRND-SO25 / NA-TRND-SO25-02 / 17-MAR-98 / 3-12							TRND / TRND-SO26 / NA-TRND-SO26-01 / 16-MAR-98 / 0-3							TRND / TRND-SO26 / NA-TRND-SO26-11 Dup of NA-TRND-SO26-01 / 16-MAR-98 / 0-3						
E160.3 - Percent Moisture (percent)																									
Percent moisture	41.2		0		[1]			60.4		0		[1]			39.1		0		[1]			38.9		0		[1]	
ILM04.0 - Total Cyanide (mg/kg)																									
Cyanide	0.440		(0.380	)	[1]			0.860		(0.620	)	[1]			0.690		(0.370	)	[1]			0.520		(0.370	)	[1]	
ILMO4.0 - CLP Metals (mg/kg)																									
Aluminum	86200		(2.60	)	[1]			115000		(4.00	)	[1]			54500		(2.60	)	[1]			57200		(2.50	)	[1]	
Antimony	ND	UL	(0.650	)	[1]			1.10	L	(0.990	)	[1]			1.00	L	(0.640	)	[1]			0.810	L	(0.620	)	[1]	
Arsenic	4.40		(0.870	)	[1]			4.80		(1.30	)	[1]			4.00		(0.850	)	[1]			3.60		(0.830	)	[1]	
Barium	86.3		(0.220	)	[1]			64.2		(0.330	)	[1]			88.8		(0.210	)	[1]			91.3		(0.210	)	[1]	
Beryllium	0.630		(0.220	)	[1]			0.710		(0.330	)	[1]			0.360		(0.210	)	[1]			0.380		(0.210	)	[1]	
Cadmium	1.20	K	(0.220	)	[1]			0.990	K	(0.330	)	[1]			1.20	K	(0.210	)	[1]			1.20	K	(0.210	)	[1]	
Calcium	6850		(5.60	)	[1]			3410		(8.60	)	[1]			10800		(5.50	)	[1]			11200		(5.40	)	[1]	
Chromium	54.3	J	(0.220	)	[1]			77.5	J	(0.330	)	[1]			34.3	J	(0.210	)	[1]			34.1	J	(0.210	)	[1]	
Cobalt	32.7		(0.220	)	[1]			41.7		(0.330	)	[1]			20.0		(0.210	)	[1]			21.5		(0.210	)	[1]	
Copper	165		(0.220	)	[1]			208		(0.330	)	[1]			116		(0.210	)	[1]			117		(0.210	)	[1]	
Iron	74700		(3.00	)	[1]			95200		(4.60	)	[1]			46200		(3.00	)	[1]			48900		(2.90	)	[1]	
Lead	15.1		(0.430	)	[1]			5.50		(0.660	)	[1]			64.5		(0.430	)	[1]			50.3		(0.410	)	[1]	
Magnesium	9780		(1.90	)	[1]			9740		(3.00	)	[1]			8010		(1.90	)	[1]			9190		(1.90	)	[1]	
Manganese	1260		(0.220	)	[1]			1510		(0.330	)	[1]			836		(0.210	)	[1]			868		(0.210	)	[1]	
Mercury	0.0400		(0.0300	)	[1]			ND		(0.0400	)	[1]			0.120		(0.0300	)	[1]			0.160		(0.0300	)	[1]	
Nickel	46.1	J	(0.220	)	[1]			56.8	J	(0.330	)	[1]			29.4	J	(0.210	)	[1]			31.3	J	(0.210	)	[1]	
Potassium	395		(1.30	)	[1]			259		(2.00	)	[1]			586		(1.30	)	[1]			538		(1.20	)	[1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date				Beg. Depth - End Depth (in.)			
	TRND				TRND				TRND				TRND							
	TRND-SO25				TRND-SO25				TRND-SO26				TRND-SO26							
	NA-TRND-SO25-01				NA-TRND-SO25-02				NA-TRND-SO26-01				NA-TRND-SO26-11 Dup of NA-TRND-SO26-01							
	17-MAR-98				17-MAR-98				16-MAR-98				16-MAR-98							
	0-3				3-12				0-3				0-3							
ILMO4.0 - CLP Metals, cont. (mg/kg)																				
Selenium	1.70	L	(0.430	) [1]	2.60	L	(0.660	) [1]	1.00	L	(0.430	) [1]	1.10	J	(0.410	) [1]				
Silver	ND		(0.220	) [1]	ND		(0.330	) [1]	0.440		(0.210	) [1]	0.550		(0.210	) [1]				
Sodium	713	J	(21.7	) [1]	116	J	(33.0	) [1]	1390	J	(21.3	) [1]	1460	J	(20.7	) [1]				
Thallium	ND	UL	(0.870	) [1]	ND	UL	(1.30	) [1]	ND	UL	(0.850	) [1]	ND	UL	(0.830	) [1]				
Vanadium	322		(0.220	) [1]	484		(0.330	) [1]	191		(0.210	) [1]	202		(0.210	) [1]				
Zinc	142		(0.220	) [1]	55.6		(0.330	) [1]	146		(0.210	) [1]	127		(0.210	) [1]				
SW9045C - pH (pH units)																				
pH	6.30		(0.0100	) [1]	6.44		(0.0100	) [1]	5.94		(0.0100	) [1]	5.80		(0.0100	) [1]				

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)												
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3						TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12					
D422 - Particle Size Distribution (%)												
%Clay	NA						NA					
%Gravel	NA						NA					
%Sand	NA						NA					
%Silt	NA						NA					
Mean Particle Size(mm)	NA						NA					
E160.3 - Percent Moisture (percent)												
Percent moisture	43.7		(	0	)	[1]	43.7		(	0	)	[1]
E300 - Anions (mg/kg)												
Chloride	NA						NA					
Fluoride	NA						NA					
Sulfate	NA						NA					
E353.2 - Nitrate (mg/kg)												
Nitrate	NA						NA					
ILM04.0 - Total Cyanide (mg/kg)												
Cyanide	0.470		(	0.410	)	[1]	ND		(	0.380	)	[1]
ILMO4.0 - CLP Metals (mg/kg)												
Aluminum	89900		(	2.80	)	[1]	89800		(	2.80	)	[1]
Antimony	0.730	L	(	0.710	)	[1]	1.20	L	(	0.710	)	[1]

Parameter	TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3						TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3					
D422 - Particle Size Distribution (%)												
%Clay	NA						6.60		(	0	)	[1]
%Gravel	NA						0.00		(	0	)	[1]
%Sand	NA						65.6		(	0	)	[1]
%Silt	NA						27.8		(	0	)	[1]
Mean Particle Size(mm)	NA						0.232		(	0	)	[1]
E160.3 - Percent Moisture (percent)												
Percent moisture	35.0		(	0	)	[1]	38.3		(	0	)	[1]
E300 - Anions (mg/kg)												
Chloride	NA						3.91		(	1.62	)	[1]
Fluoride	NA						1.80		(	1.62	)	[1]
Sulfate	NA						65.5		(	1.62	)	[1]
E353.2 - Nitrate (mg/kg)												
Nitrate	NA						6.65		(	0.810	)	[1]
ILM04.0 - Total Cyanide (mg/kg)												
Cyanide	0.780		(	0.330	)	[1]	0.920		(	0.350	)	[1]
ILMO4.0 - CLP Metals (mg/kg)												
Aluminum	45900		(	2.40	)	[1]	50800		(	2.60	)	[1]
Antimony	ND	UL	(	0.600	)	[1]	ND	UL	(	0.640	)	[1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)																
	TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3					TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12					TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3					TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3				
ILMO4.0 - CLP Metals, cont. (mg/kg)																				
Arsenic	4.50		(0.950	) [1]		4.20		(0.940	) [1]		14.7		(0.800	) [1]		3.40		(0.860	) [1]	
Barium	76.6		(0.240	) [1]		101		(0.240	) [1]		84.9		(0.200	) [1]		79.0		(0.210	) [1]	
Beryllium	0.560		(0.240	) [1]		0.600		(0.240	) [1]		0.280		(0.200	) [1]		0.270		(0.210	) [1]	
Cadmium	1.10	K	(0.240	) [1]		1.20	K	(0.240	) [1]		0.740	K	(0.200	) [1]		0.960	K	(0.210	) [1]	
Calcium	7750		(6.20	) [1]		9570		(6.10	) [1]		11200		(5.20	) [1]		10000		(5.60	) [1]	
Chromium	57.2	J	(0.240	) [1]		56.2	J	(0.240	) [1]		22.9	J	(0.200	) [1]		28.0	J	(0.210	) [1]	
Cobalt	34.4		(0.240	) [1]		32.7		(0.240	) [1]		17.8		(0.200	) [1]		20.2		(0.210	) [1]	
Copper	164		(0.240	) [1]		166		(0.240	) [1]		95.3		(0.200	) [1]		105		(0.210	) [1]	
Iron	77100		(3.30	) [1]		74600		(3.30	) [1]		40400		(2.80	) [1]		44700		(3.00	) [1]	
Lead	97.9		(0.470	) [1]		157		(0.470	) [1]		56.0		(0.400	) [1]		32.5		(0.430	) [1]	
Magnesium	12900		(2.10	) [1]		11200		(2.10	) [1]		7900		(1.80	) [1]		8870		(1.90	) [1]	
Manganese	1330		(0.240	) [1]		1320		(0.240	) [1]		764		(0.200	) [1]		815		(0.210	) [1]	
Mercury	0.0700		(0.0300	) [1]		0.0800		(0.0300	) [1]		0.0700		(0.0300	) [1]		0.120		(0.0200	) [1]	
Nickel	49.8	J	(0.240	) [1]		44.6	J	(0.240	) [1]		23.3	J	(0.200	) [1]		27.9	J	(0.210	) [1]	
Potassium	583		(1.40	) [1]		511		(1.40	) [1]		508		(1.20	) [1]		807		(1.30	) [1]	
Selenium	1.80	L	(0.470	) [1]		1.10	L	(0.470	) [1]		1.50	L	(0.400	) [1]		1.10	L	(0.430	) [1]	
Silver	ND		(0.240	) [1]		ND		(0.240	) [1]		ND		(0.200	) [1]		ND		(0.210	) [1]	
Sodium	646	J	(23.7	) [1]		716	J	(23.5	) [1]		1130	J	(20.1	) [1]		1270	J	(21.5	) [1]	
Thallium	ND	UL	(0.950	) [1]		ND	UL	(0.940	) [1]		ND	UL	(0.800	) [1]		ND	UL	(0.860	) [1]	
Vanadium	332		(0.240	) [1]		321		(0.240	) [1]		155		(0.200	) [1]		177		(0.210	) [1]	
Zinc	144		(0.240	) [1]		253		(0.240	) [1]		88.0		(0.200	) [1]		90.7		(0.210	) [1]	

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 2

Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		TRND TRND-SO27 NA-TRND-SO27-01 17-MAR-98 0-3		TRND TRND-SO27 NA-TRND-SO27-02 16-MAR-98 3-12		TRND TRND-SO28 NA-TRND-SO28-01 16-MAR-98 0-3		TRND TRND-SO29 NA-TRND-SO29-01 17-MAR-98 0-3	
SW9045C - pH (pH units)									
pH	6.37	(0.0100	) [1]	6.49	(0.0100) [1]	6.62	(0.0100) [1]	6.34	(0.0100) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter														
Site Id	TRND			TRND			TRND			TRND		
Location Id	TRND-SO29			TRND-SO30			TRND-SO31			TRND-SO32		
Sample Id	NA-TRND-SO29-02			NA-TRND-SO30-01			NA-TRND-SO31-01			NA-TRND-SO32-01		
Log Date	17-MAR-98			17-MAR-98			17-MAR-98					
Beg. Depth - End Depth (in.)	3-12			0-3			0-3			0-3		
D422 - Particle Size Distribution (%)												
%Clay	8.20		0 [1]	NA			NA			NA		
%Gravel	0.00		0 [1]	NA			NA			NA		
%Sand	64.2		0 [1]	NA			NA			NA		
%Silt	27.6		0 [1]	NA			NA			NA		
Mean Particle Size(mm)	0.220		0 [1]	NA			NA			NA		
E160.3 - Percent Moisture (percent)												
Percent moisture	34.4		0 [1]	39.5		0 [1]	45.1		0 [1]	41.6		0 [1]
E300 - Anions (mg/kg)												
Chloride	7.68		(1.52) [1]	NA			NA			NA		
Fluoride	ND		(1.52) [1]	NA			NA			NA		
Sulfate	29.2		(3.05) [2]	NA			NA			NA		
E353.2 - Nitrate (mg/kg)												
Nitrate	8.38		(1.52) [2]	NA			NA			NA		
ILM04.0 - Total Cyanide (mg/kg)												
Cyanide	1.30		(0.370) [1]	1.20		(0.370) [1]	1.00		(0.410) [1]	0.750		(0.420) [1]
ILMO4.0 - CLP Metals (mg/kg)												
Aluminum	51700		(2.30) [1]	80500		(2.60) [1]	68100		(2.90) [1]	80300		(2.70) [1]
Antimony	ND	UL	(0.590) [1]	1.10	L	(0.640) [1]	1.40	L	(0.720) [1]	1.00	L	(0.680) [1]

Compiled: 06/29[redacted]

() = Detection Limit [] = Dilution Factor N[redacted] Not Detected NA = Not Applicable

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter	Site Id															
	Location Id	TRND				TRND				TRND				TRND		
	Sample Id	TRND-SO29				TRND-SO30				TRND-SO31				TRND-SO32		
	Log Date	NA-TRND-SO29-02				NA-TRND-SO30-01				NA-TRND-SO31-01				NA-TRND-SO32-01		
		17-MAR-98				17-MAR-98				17-MAR-98						
	Beg. Depth - End Depth (in.)	3-12				0-3				0-3				0-3		
ILMO4.0 - CLP Metals, cont. (mg/kg)																
Arsenic	2.10		(0.780	) [1]	4.20		(0.850	) [1]	4.70		(0.970	) [1]	5.20		(0.910	) [1]
Barium	78.1		(0.200	) [1]	103		(0.210	) [1]	90.0		(0.240	) [1]	61.3		(0.230	) [1]
Beryllium	0.280		(0.200	) [1]	0.590		(0.210	) [1]	ND		(0.240	) [1]	ND		(0.230	) [1]
Cadmium	0.670	K	(0.200	) [1]	1.30	K	(0.210	) [1]	1.60	K	(0.240	) [1]	1.40	K	(0.230	) [1]
Calcium	11200		(5.10	) [1]	10600		(5.50	) [1]	7340		(6.30	) [1]	4450		(5.90	) [1]
Chromium	25.3	J	(0.200	) [1]	52.8	J	(0.210	) [1]	40.7		(0.240	) [1]	50.5		(0.230	) [1]
Cobalt	20.9		(0.200	) [1]	30.5		(0.210	) [1]	26.3		(0.240	) [1]	29.8		(0.230	) [1]
Copper	105		(0.200	) [1]	164		(0.210	) [1]	140		(0.240	) [1]	146		(0.230	) [1]
Iron	44900		(2.70	) [1]	70700		(3.00	) [1]	56700		(3.40	) [1]	68200		(3.20	) [1]
Lead	11.1		(0.390	) [1]	28.0		(0.430	) [1]	44.0		(0.480	) [1]	20.7		(0.460	) [1]
Magnesium	10000		(1.80	) [1]	11600		(1.90	) [1]	8630		(2.20	) [1]	11600		(2.10	) [1]
Manganese	816		(0.200	) [1]	1210		(0.210	) [1]	1050		(0.240	) [1]	1130		(0.230	) [1]
Mercury	0.0800		(0.0200	) [1]	0.0400		(0.0200	) [1]	0.130		(0.0300	) [1]	0.0700		(0.0300	) [1]
Nickel	27.8	J	(0.200	) [1]	44.4	J	(0.210	) [1]	35.4		(0.240	) [1]	40.5		(0.230	) [1]
Potassium	373		(1.20	) [1]	626		(1.30	) [1]	792		(1.40	) [1]	698		(1.40	) [1]
Selenium	1.20	L	(0.390	) [1]	1.50	L	(0.430	) [1]	0.900	L	(0.480	) [1]	ND	UL	(0.460	) [1]
Silver	ND		(0.200	) [1]	ND		(0.210	) [1]	0.450		(0.240	) [1]	0.250		(0.230	) [1]
Sodium	1700	J	(19.5	) [1]	688	J	(21.3	) [1]	962		(24.1	) [1]	350		(22.8	) [1]
Thallium	ND	UL	(0.780	) [1]	ND	UL	(0.850	) [1]	2.60		(0.970	) [1]	3.30		(0.910	) [1]
Vanadium	171		(0.200	) [1]	307		(0.210	) [1]	250		(0.240	) [1]	270		(0.230	) [1]
Zinc	50.2		(0.200	) [1]	110		(0.210	) [1]	125		(0.240	) [1]	122		(0.230	) [1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter		Site Id Location Id Sample Id Log Date Beg. Depth - End Depth (in.)							
		TRND TRND-SO29 NA-TRND-SO29-02 17-MAR-98 3-12		TRND TRND-SO30 NA-TRND-SO30-01 17-MAR-98 0-3		TRND TRND-SO31 NA-TRND-SO31-01 17-MAR-98 0-3		TRND TRND-SO32 NA-TRND-SO32-01 0-3	
SW9045C - pH (pH units)									
pH	6.61	(0.0100	) [1]	7.08	(0.0100) [1]	6.04	(0.0100) [1]	6.31	(0.0100) [1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

	Site Id			
	Location Id			
	Sample Id			
	Log Date			
	Beg. Depth - End Depth (in.)			
	TRND			
	TRND-SO33			
	NA-TRND-SO33-01			
Parameter	0-3			
E160.3 - Percent Moisture (percent)				
Percent moisture	49.2		()	[1]
ILM04.0 - Total Cyanide (mg/kg)				
Cyanide	0.670		(0.490)	[1]
ILMO4.0 - CLP Metals (mg/kg)				
Aluminum	90700		(3.10)	[1]
Antimony	1.70	L	(0.790)	[1]
Arsenic	4.60		(1.00)	[1]
Barium	58.8		(0.260)	[1]
Beryllium	ND		(0.260)	[1]
Cadmium	1.80	K	(0.260)	[1]
Calcium	4430		(6.80)	[1]
Chromium	59.0		(0.260)	[1]
Cobalt	36.4		(0.260)	[1]
Copper	199		(0.260)	[1]
Iron	78500		(3.70)	[1]
Lead	42.8		(0.520)	[1]
Magnesium	15600		(2.40)	[1]
Manganese	1380		(0.260)	[1]
Mercury	0.110		(0.0300)	[1]
Nickel	51.3		(0.260)	[1]
Potassium	718		(1.60)	[1]

Table 2
Results of Inorganic Analyses For Round 1 Soil Samples, Atsugi NAF, Japan

Parameter			Site Id: TRND Location Id: TRND-SO33 Sample Id: NA-TRND-SO33-01 Log Date Beg. Depth - End Depth (in.): 0-3	
ILMO4.0 - CLP Metals, cont. (mg/kg)				
Selenium	ND	UL	(0.520)	[1]
Silver	0.380		(0.260)	[1]
Sodium	384		(26.2)	[1]
Thallium	4.20		(1.00)	[1]
Vanadium	333		(0.260)	[1]
Zinc	150		(0.260)	[1]
SW9045C - pH (pH units)				
pH	6.15		(0.0100)	[1]

Table 3

Table 3
Field Observations for Soil Samples, Atsugi NAF, Japan

SAMPLE ID	Depth (In)	Location Comment	SOIL CLASSIFICATION		SOIL COLOR		COMMENTS
NA-DVCT-SO01-31	0-3	NW of Bldg 291 in play area	SW/OL	Sand/Silt	10YR2/2	Very Dark Brown	Approx 1 " of sand cover, rootlets, low plasticity
NA-DVCT-SO01-02	3-12	NW of Bldg 291 in play area	OL	Silt	10YR2/2	Very Dark Brown	Similar to 1-3" interval, organic
NA-DVCT-SO02-01	0-3	15' S of fence on NW side of Bldg 291	SW/OL	Sand/Silt	2.5Y4/3 and 10YR2/2	Olive Brown/Very Dark Brown	Mixed together under rain gutter. Moist, wet, loose. Mainly medium grained sand.
NA-DVCT-SO02-11	0-3	15' S of fence on NW side of Bldg 291 (duplicate)	SW/OL	Sand/Silt	2.5Y4/3 and 10YR2/2	Olive Brown/Very Dark Brown	Mixed together under rain gutter. Moist, wet, loose. Mainly medum grained sand.
NA-DVCT-SO03-01	0-3	Under tire swing W of Bldg 291	SW/OL	Sand/Silt	2.5Y4/3 and 10YR2/2	Olive Brown/Very Dark Brown	Sand overlying silt. Moist, loose. Silt is low plasticity. Sand is mainly medium grained.
NA-DVCT-SO03-02	3-12	Under tire swing W of Bldg 291	OL	Silt	10YR2/2	Very Dark Brown	as for SO03-01, with minor sand (imported)
NA-DVCT-SO04-01	0-3	Near SW side/corner of Bldg 286	SW	Sand	2.5Y4/3	Olive Brown	Moist. Very fine to very coarse grained. Mainly medium grained, 5% fine gravel, loose, subangular.
NA-DVCT-SO05-01	0-3	NE side of Bldg 291, 8' S of matted area	SW/OL	Sand/Silt	10YR2/1	Black	Olive sand 1/2-1" cover. Loose, almost coffeelike texture, low plasticity, moist, organic.
NA-DVCT-SO05-02	3-12	NW side of Bldg 291, 8' S of matted area	OL	Silt	10YR2/1	Black	Same as 1-3" interval
NA-DVCT-SO06-01	0-3	Sandbox (w/little sand) on E side of Bldg 291	SW/OL	Sand/Silt	10YR2/2	Very Dark Brown	Moist, minor sand (medium grained) on surface, low to medium plasticity, organic.
NA-DVCT-SO07-01	0-3	At end of slide (fill sand 0-3")	SW	Sand	2.5Y4/3	Olive Brown	Loose, poorly sorted
NA-DVCT-SO07-02	3-12	At end of slide	OL	Silt	10YR2/1	Black	Moist, low plasticity, organic
NA-DVCT-SO08-01	0-3	SE of Bldg 291, native soil	OL	Silt	10YR2/1	Black	Moist, low plasticity, organic
NA-ELEM-SO01-01	0-3	Sandy area under chin-up bars	SW	Sand	2.5Y4/3	Olive Brown	Moist, poorly sorted, v.f. grained through small gravel (granules), minor silt. Sand is quartz, subangular. Gravel is darker, subrounded, loose.
NA-ELEM-SO01-02	3-12	Sandy area under chin-up bars	SW	Sand	2.5Y4/3	Olive Brown	Same as 0-3", less than 2% gravel, mainly medium grained.
NA-ELEM-SO02-01	0-3	Sandy area under swing set	SW	Sand	2.5Y4/3	Olive Brown	Moist, poorly sorted, v.f. through coarse grained, mainly medium grained, minor silt, 5 % fine gravel.
NA-ELEM-SO02-11	0-3	Sandy area under swing set (duplicate)	SW	Sand	2.5Y4/3	Olive Brown	Moist, poorly sorted, v.f. through coarse grained, mainly medium grained, minor silt, 5 % fine gravel.
NA-ELEM-SO03-01	0-3	In playground, thin sand cover over native soil	SW/OL	Sand/Silt	10YR2/2	Very Dark Brown	Moist, minor (<5%) sand and fine gravel, nonplastic, not very cohesive.
NA-ELEM-SO03-02	3-9	In playground, native soil	OL	Silt	10YR2/2	Very Dark Brown	Moist, nonplastic, not very cohesive. Refusal at 9".
NA-ELEM-SO04-01	0-3	In playground, native soil	SW/OL	Silt	10YR2/2	Very Dark Brown	Moist, 10-20% poorly sorted sand and fine gravel, loose, non-cohesive, nonplastic, rootlets.
NA-ELEM-SO05-01	0-3	In slide area	SW	Sand	2.5Y3/2	Very Dark Grayish Brown	Moist, poorly sorted, v.f.-v.c. sand, minor fine gravel, minor silt, loose.
NA-ELEM-SO05-02	3-12	In slide area	SW	Sand	2.5Y4/2	Dark Grayish Brown	Sand - as in 0-3" except slightly lighter color, less to no gravel (mainly surficial).
NA-ELEM-SO06-01	0-3	Monkey bar area in playground	SW	Sand	2.5Y4/3	Olive Brown	Moist, poorly sorted, loose, v.f.-v.c. grained, 5% fine gravel, minor silt, mainly subangular quartz.
NA-ELEM-SO07-01	0-3	Ditch to NE of school, Bldg 993	OL	Silt	10YR2/2	Very Dark Brown	Moist, fairly noncohesive, slightly plastic, rootlets, slightly more clayey than other native soils in area.
NA-ELEM-SO07-02	3-12	Ditch to NE of school, Bldg 993	OL	Silt	10YR2/2	Very Dark Brown	OL as 0-3", becoming dark yellowish brown (10YR4/6) at 11".
NA-ELEM-SO08-01	0-3	Grass covered, S of Bldg 989	OL	Silt	10YR2/2	Very Dark Brown	Moist, loose, slightly cohesive, rootlets.

Table 3
Field Observations for Soil Samples, Atsugi NAF, Japan

SAMPLE ID	Depth (in)	Location Comment	SOIL CLASSIFICATION		SOIL COLOR		COMMENTS
NA-REF1-SO01-31	0-3	No grass cover	OL	Silt	10YR2/2 to10YR2/1	Very Dark Brown to Black	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO02-01	0-3	No grass cover	OL	Silt	10YR2/2 to10YR2/1	Very Dark Brown to Black	Moist, soft, low plasticity, loamy , rootlets, noncohesive.
NA-REF1-SO02-02	3-12	-	OL	Silt	10YR2/2 to10YR2/1	Very Dark Brown to Black	Moist, soft, low plasticity, loamy , rootlets, noncohesive.
NA-REF1-SO02-12	3-12	duplicate	OL	Silt	10YR2/2 to10YR2/1	Very Dark Brown to Black	Moist, soft, low plasticity, loamy , rootlets, noncohesive.
NA-REF1-SO03-01	0-3	Grass covered	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO04-01	0-3	Grass covered	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO04-02	3-12	-	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO05-01	0-3	Grass covered	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO06-01	0-3	Grass covered	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF1-SO06-02	3-12	-	OL	Silt	10YR4/6	Dark Yellowish Brown	Moist, soft, noncohesive, loamy, nonplastic to low plasticity.
NA-REF2-SO01-01	0-3	62' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, nonplastic, subrounded gravel to 2" diameter (<10%), loamy.
NA-REF2-SO01-02	3-12	62' NW of Bldg 527	OL	Silt	10YR2/2 to 10YR4/6	V Dark Brown to Dark Yellow/Brown	As above, color change to dark yellowish brown at 8".
NA-REF2-SO02-01	0-3	130' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, loamy, spongy, nonplastic, numerous rootlets.
NA-REF2-SO03-01	0-3	120' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, loamy, spongy, nonplastic, numerous rootlets.
NA-REF2-SO03-02	3-12	120' NW of Bldg 527	OL	Silt	10YR4/6	Dark Yellowish Brown	Moist, soft, loamy, spongy, nonplastic, numerous rootlets, slight color change.
NA-REF2-SO04-01	0-3	Near merry-go-round	OL	Silt	10YR2/2	Very Dark Brown	Moist, nonplastic, loamy/spongy; no grass cover.
NA-REF2-SO05-01	0-3	30' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, loamy, minor (<2%) granules.
NA-REF2-SO05-02	3-12	30' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	No color change with depth.
NA-REF2-SO06-01	0-3	44' NW of Bldg 527	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, loamy, minor (<2%) granules.
NA-REF2-SO06-11	0-3	duplicate	OL	Silt	10YR2/2	Very Dark Brown	Moist, soft, loamy, minor (<2%) granules.
NA-TOWR-SO01-01	0-3	N of tennis courts	OL	Silt	10YR2/2	Very Dark Brown	Moist, low plasticity, loamy, some iron/oxidation staining.
NA-TOWR-SO02-01	0-3	E of tennis courts	OL	Silt	10YR2/2	Very Dark Brown	Moist, low plasticity, loamy, rootlets.
NA-TOWR-SO02-32	3-12	E of tennis courts	OL	Silt	10YR2/2	Very Dark Brown	Becoming gravelly at 4", subrounded gravels to 2" diameter.
NA-TOWR-SO03-01	0-3	S part of picnic area	OL	Silt	10YR2/2	Very Dark Brown	Moist, loamy, numerous rootlets, low plasticity, noncohesive.
NA-TOWR-SO03-11	0-3	S part of picnic area (duplicate)	OL	Silt	10YR2/2	Very Dark Brown	Moist, loamy, numerous rootlets, low plasticity, noncohesive.
NA-TOWR-SO04-01	0-3	Under tire swing in playscape	OL	Silt	10YR2/2	Very Dark Brown	Moist, dense, low plasticity, less clay content than similar samples. Thin sand cover.
NA-TOWR-SO04-02	3-12	Under tire swing in playscape	OL	Silt	10YR2/2	Very Dark Brown	As 0-3", no change physically (no sand cover).
NA-TOWR-SO04-12	3-12	duplicate	OL	Silt	10YR2/2	Very Dark Brown	As 0-3", no change physically (no sand cover).
NA-TOWR-SO05-01	0-3	Under hand swings in picnic area	SW/OL	Silt	10YR2/2	Very Dark Brown	Moist, sand on surface, low to medium plasticity.

Table 3
Field Observations for Soil Samples, Atsugi NAF, Japan

SAMPLE ID	Depth (in)	Location Comment	SOIL CLASSIFICATION		SOIL COLOR		COMMENTS
NA-TOWR-SO06-01	0-3	N side of Bldg 3101, low area, imported sod over native	OL	Silt	10YR2/1	Black	Moist, roots, low plasticity.
NA-TOWR-SO06-02	3-12	N side of Bldg 3101, low area, native	OL	Silt	5YR3/4	Dark Reddish Brown	Black to 4", dark reddish brown below 4", low to medium plasticity, very moist, slightly cohesive.
NA-TOWR-SO07-01	0-3	Under swingset N of Bldg 3101	SW	Sand	5Y3/2	Dark Olive Gray	Moist, poorly sorted, v.f. to v.c. grained, 10% fine gravel, loose.
NA-TOWR-SO08-01	0-3	Imported sod under see-saw	OL	Silt	10YR2/1	Black	Moist, low plasticity, medium cohesiveness.
NA-TOWR-SO09-01	0-3	S side of Bldg 3101, imported sod	OL	Silt	10YR2/1	Black	Moist, low plasticity.
NA-TOWR-SO10-01	0-3	Under swing NE of Bldg 3102, imported sod	OL	Silt	10YR2/1	Black	Moist, low plasticity, rootlets, minor gravel.
NA-TOWR-SO10-02	3-12	Under swing NE of Bldg 3102, native	OL	Silt	10YR2/1 and 5YR3/4	Black/Dark reddish Brown	Black with 20% dark reddish brown nodules, moist, slightly cohesive, low plasticity. Nodules are slightly sandy, harder.
NA-TOWR-SO11-01	0-3	Playscape N-NE of Bldg 3102	SW	Sand	5Y3/2	Dark Olive Gray	Moist, poorly sorted, minor fine gravel, mainly medium grained, loose.
NA-TOWR-SO12-01	0-3	N corner of Bldg 3102, native w/imported sod	OL	Silt	10YR2/1	Black	Moist, < 5% fine gravel, low plasticity.
NA-TRND-SO01-01	0-3	Co-located w/upwind criteria site	OL	Silt	10YR2/2	Very Dark Brown	Moist, loamy, low plasticity.
NA-TRND-SO01-02	3-12	Co-located w/upwind criteria site	OL	Silt	10YR2/2	Very Dark Brown	No color change with depth.
NA-TRND-SO02-01	0-3	Co-located w/Golf Course air site	OL	Silt	10YR2/2	Very Dark Brown	Low plasticity, some iron oxidation staining.
NA-TRND-SO02-02	3-12	Co-located w/Golf Course air site	OL	Silt	10YR2/2	Very Dark Brown	Low plasticity, some iron oxidation staining.
NA-TRND-SO03-01	0-3	Co-located with GEM site	OL	Silt	10YR2/1	Black	Possibly fill to 2", rocks to 1" present throughout, some debris present.
NA-TRND-SO03-02	3-12	Co-located with GEM site	OL	Silt	10YR2/1	Black	As above without fill/debris
NA-TRND-SO04-31	0-3	Near incinerator, 25' N of fence and blue tanks	OL	Silt	10YR2/1	Black	Moist, loamy, numerous roots.
NA-TRND-SO04-11	0-3	Near incinerator, 25' N of fence and blue tanks (duplicate)	OL	Silt	10YR2/1	Black	Moist, loamy, numerous roots.
NA-TRND-SO04-02	3-12	Near incinerator, 25' N of fence and blue tanks	OL	Silt	10YR2/1	Black	Gravelly below 4" (up to 4" diameter), nonplastic, debris (nails, brick pieces), slightly moist.
NA-TRND-SO05-01	0-3	Up slope from incinerator	OL	Silt	10YR2/2	Very Dark Brown	Moist, numerous roots, low plasticity, soft.
NA-TRND-SO06-01	0-3	On Golf Course	OL	Silt	10YR2/2	Very Dark Brown	Low plasticity, loamy.
NA-TRND-SO07-01	0-3	Near golf course drainage, NE of incinerator, grassed.	OL	Silt	10YR2/2	Very Dark Brown	Slightly moist, numerous roots, low to medium plasticity, loamy.
NA-TRND-SO08-01	0-3	Golf course	OL	Silt	10YR2/2	Very Dark Brown	Moist, loamy, low to medium plasticity.
NA-TRND-SO09-01	0-3	Golf course	OL	Silt	10YR2/2	Very Dark Brown	Slighty moist, loamy.
NA-TRND-SO10-01	0-3	25' W/NW of Bldg 959, grass covered.	OL	Silt	5R2.5/1	Reddish Black	Moist, loamy, medium plasticity, 10% gravel to 2" diameter.
NA-TRND-SO10-02	3-12	25' W of Bldg 959	OL	Silt	5R2.5/1	Reddish Black	OL as 0-3", interspersed subrounded gravel.
NA-TRND-SO11-01	0-3	Outside fence NE of Bldg 3101	OL	Silt	10YR2/2	Very Dark Brown	Moist, loamy, low to medium plasticity, 10% subrounded gravel.
NA-TRND-SO12-01	0-3	On Golf Course	OL	Silt	10YR2/1	Black	Low plasticity, loamy.
NA-TRND-SO12-11	0-3	duplicate	OL	Silt	10YR2/1	Black	Low plasticity, loamy.
NA-TRND-SO13-01	0-3	By driving range	OL	Silt	10YR2/1	Black	Grass cover, low plasticity, loamy, free of pebbles/gravel.
NA-TRND-SO14-01	0-3	Near NE corner of Bldg 3064	OL	Silt	10YR2/1	Black	Low plasticity, loamy, numerous roots to 3".
NA-TRND-SO15-01	0-3	In park area	OL	Silt	10YR2/2	Very Dark Brown	Low plasticity, loamy.
NA-TRND-SO15-02	3-12	In park area	OL	Silt	10YR2/1	Black	Same as SO15-01, but smaller (1/4") gravel, black.

Table 3
Field Observations for Soil Samples, Atsugi NAF, Japan

SAMPLE ID	Depth (In)	Location Comment	SOIL CLASSIFICATION		SOIL COLOR		COMMENTS
NA-TRND-SO15-12	3-12	duplicate	OL	Silt	10YR2/1	Black	Same as SO15-01, but smaller (1/4") gravel and black color.
NA-TRND-SO16-01	0-3	In park area	OL	Silt	10YR2/1	Black	Low plasticity, loamy, free of gravel.
NA-TRND-SO17-01	0-3	East of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy, grass cover.
NA-TRND-SO18-01	0-3	W of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy, grass cover.
NA-TRND-SO19-01	0-3	W of runway, S of Taxiway B	OL	Silt	10YR2/2	Very Dark Brown	Loamy, grass cover, some gravel at 1/2".
NA-TRND-SO20-01	0-3	Near Bldg 969	OL	Silt	10YR2/1	Black	Loamy, grass cover, nonplastic, well drained.
NA-TRND-SO21-01	0-3	E of Bldg 150A	OL	Silt	10YR2/1	Black	Loamy, minor gravel.
NA-TRND-SO21-02	3-12	E of Bldg 150A	OL	Silt	10YR2/2	Very Dark Brown	Same as SO21-01, but with increased gravel.
NA-TRND-SO22-01	0-3	Between Bldgs 81 & 987	OL	Silt	10YR2/1	Black	Loamy, nonplastic.
NA-TRND-SO22-11	0-3	duplicate	OL	Si;t	10YR2/1	Black	Loamy, nonplastic.
NA-TRND-SO23-01	0-3	Southern end of Base	OL	Silt	10YR2/2	Very Dark Brown	Loamy, numerous roots, poorly sorted.
NA-TRND-SO23-02	3-12	Southern end of Base	OL	Silt	10YR2/2	Very Dark Brown	Loamy, poorly sorted.
NA-TRND-SO24-31	0-3	E of runway	OL	Silt	10YR2/2	Very Dark Brown	Poorly graded, moist, some gravel up to 1/2".
NA-TRND-SO25-01	0-3	W of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy
NA-TRND-SO25-02	3-12	W of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy
NA-TRND-SO26-01	0-3	50' W/SW of Bldg 174, SW corner	OL	Silt	10YR2/2	Very Dark Brown	Loamy, no grass cover.
NA-TRND-SO26-11	0-3	50' W/SW of Bldg 174, SW corner (duplicate)	OL	Silt	10YR2/2	Very Dark Brown	Loamy, no grass cover.
NA-TRND-SO27-01	0-3	Near woods, 50 yds E of Bldg 153	OL	Silt	10YR2/2 and 5YR3/4	Very Dark Brown/Dark reddish Brown	Gravel to 1" in diameter with silty clay nodules.
NA-TRND-SO27-02	3-12	Near woods, 50 yds E of Bldg 153	OL	Silt	10YR2/2 and 5YR3/4	Very Dark Brown/Dark reddish Brown	Gravel to 1" in diameter with silty clay nodules.
NA-TRND-SO28-01	0-3	Near Bldg J-46	OL	Silt	10YR2/2	Very Dark Brown	Loamy, nonplastic, collected near woods.
NA-TRND-SO29-01	0-3	S of Taxiway C, E of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy
NA-TRND-SO29-02	3-12	S of Taxiway C, E of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy
NA-TRND-SO30-01	0-3	100' S of SW corner of Bldg 201	OL	Silt	10YR2/2	Very Dark Brown	Lighter particles of rust colored clay (possibly fill), no grass at surface.
NA-TRND-SO31-01	0-3	S/E of Taxiway D1, W of runway	OL	Silt	10YR2/2	Very Dark Brown	Loamy
NA-TRND-SO32-01	0-3	NW corner of Base	OL	Silt	10YR2/2	Very Dark Brown	Loamy, low plasticity, much grass on surface.
NA-TRND-SO33-01	0-3	Northern tip of Base	OL	Silt	10YR2/1	Black	Loamy with numerous roots.

Table 4

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98			ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98			
OLM03.2 - Pesticides and PCBs (ug/L)															
4,4'-DDD	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
4,4'-DDE	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
4,4'-DDT	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aldrin	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1016	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1221	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1232	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1242	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1248	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1254	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Aroclor-1260	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Dieldrin	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endosulfan I	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endosulfan II	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endosulfan sulfate	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endrin	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endrin aldehyde	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Endrin ketone	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Heptachlor	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Heptachlor epoxide	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Methoxychlor	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
Toxaphene	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
alpha-BHC	ND	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98			
OLM03.2 - Pesticides and PCBs, cont. (ug/L)																
alpha-Chlordane	ND	(	0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
beta-BHC	ND	(	0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
delta-BHC	ND	(	0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
gamma-BHC(Lindane)	ND	(	0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
gamma-Chlordane	ND	(	0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/L)																
1,2,4-Trichlorobenzene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
1,2-Dichlorobenzene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
1,3-Dichlorobenzene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
1,4-Dichlorobenzene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,2'-oxybis(1-chloropropane)	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4,5-Trichlorophenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4,6-Trichlorophenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4-Dichlorophenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4-Dimethylphenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4-Dinitrophenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,4-Dinitrotoluene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2,6-Dinitrotoluene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2-Chloronaphthalene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2-Chlorophenol	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2-Methylnaphthalene	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
2-Nitroaniline	ND	(	1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]

Compiled: 06/2[redacted]

() = Detection Limit [] = Dilution Factor [redacted] = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98			ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)															
2-Nitrophenol	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
3,3'-Dichlorobenzidine	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
3-Nitroaniline	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4,6-Dinitro-2-methylphenol	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Bromophenyl-phenylether	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Chloro-3-methylphenol	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Chloroaniline	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Chlorophenyl-phenylether	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Nitroanaline	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
4-Nitrophenol	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Acenaphthene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Acenaphthylene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Anthracene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Benzo(a)anthracene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Benzo(a)pyrene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Benzo(b)fluoranthene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Benzo(g,h,i)perylene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Benzo(k)fluoranthene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Butylbenzylphthalate	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Carbazole	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Chrysene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Dibenz(a,h)anthracene	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Dibenzofuran	ND	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)																
Diethylphthalate	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Dimethylphthalate	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Fluoranthene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Fluorene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Hexachloro-1,3-butadiene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Hexachlorobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Hexachlorocyclopentadiene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Hexachloroethane	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Indeno(1,2,3-cd)pyrene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Isophorone	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
N-Nitroso-di-n-propylamine	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
N-Nitrosodiphenylamine	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Naphthalene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Nitrobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Pentachlorophenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Phenanthrene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Phenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
Pyrene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
bis(2-Chloroethoxy)methane	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
bis(2-Chloroethyl)ether	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
bis(2-Ethylhexyl)phthalate	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
di-n-Butylphthalate	5.00	B	(1.00	) [1]	3.00	B	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
di-n-Octylphthalate	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]

Compiled: 06/25[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)																
o-Cresol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
p-Cresol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]
SW8290 - Dioxins (ppq)																
1,2,3,4,6,7,8,9-OCDD	7.60	J	(4.60	) [1]	ND		(4.70	) [1]	NA				ND		(2.50	) [1]
1,2,3,4,6,7,8,9-OCDF	ND		(3.70	) [1]	ND		(4.00	) [1]	NA				ND		(2.00	) [1]
1,2,3,4,6,7,8-HpCDD	ND		(3.70	) [1]	ND		(4.20	) [1]	NA				ND		(2.30	) [1]
1,2,3,4,6,7,8-HpCDF	ND		(2.70	) [1]	ND		(2.90	) [1]	NA				ND		(1.70	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(3.50	) [1]	ND		(3.70	) [1]	NA				ND		(2.20	) [1]
1,2,3,4,7,8-HxCDD	ND		(3.50	) [1]	ND		(4.40	) [1]	NA				ND		(3.10	) [1]
1,2,3,4,7,8-HxCDF	ND		(2.30	) [1]	2.90	J	(2.40	) [1]	NA				ND		(1.60	) [1]
1,2,3,6,7,8-HxCDD	ND		(2.80	) [1]	ND		(3.40	) [1]	NA				ND		(2.40	) [1]
1,2,3,6,7,8-HxCDF	ND		(1.80	) [1]	ND		(2.10	) [1]	NA				ND		(1.30	) [1]
1,2,3,7,8,9-HxCDD	ND		(2.90	) [1]	ND		(3.40	) [1]	NA				ND		(2.50	) [1]
1,2,3,7,8,9-HxCDF	ND		(2.70	) [1]	ND		(2.70	) [1]	NA				ND		(1.90	) [1]
1,2,3,7,8-PeCDD	ND		(2.20	) [1]	ND		(3.60	) [1]	NA				ND		(1.70	) [1]
1,2,3,7,8-PeCDF	ND		(1.80	) [1]	3.10	J	(2.50	) [1]	NA				ND		(1.50	) [1]
2,3,4,6,7,8-HxCDF	ND		(2.30	) [1]	ND		(2.60	) [1]	NA				ND		(1.70	) [1]
2,3,4,7,8-PeCDF	ND		(1.90	) [1]	ND		(2.50	) [1]	NA				ND		(1.50	) [1]
2,3,7,8-TCDD	ND		(1.50	) [1]	ND		(2.50	) [1]	NA				ND		(1.50	) [1]
2,3,7,8-TCDF	ND		(1.10	) [1]	ND		(2.00	) [1]	NA				ND		(1.10	) [1]
Total HpCDD	ND		(3.70	) [1]	ND		(4.20	) [1]	NA				ND		(2.30	) [1]
Total HpCDF	ND		(3.00	) [1]	ND		(3.30	) [1]	NA				ND		(2.00	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98			ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98			ELEM ELEM-SO04 NA-ELEM-SO04-51(1300) 08-MAR-98	REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98		
SW8290 - Dioxins, cont. (ppq)										
Total HxCDD	ND	(3.00	) [1]	ND	(3.70	) [1]	NA	ND	(2.70	) [1]
Total HxCDF	ND	(2.20	) [1]	2.90	(2.50	) [1]	NA	ND	(1.60	) [1]
Total PeCDD	ND	(2.20	) [1]	ND	(3.60	) [1]	NA	ND	(1.70	) [1]
Total PeCDF	ND	(1.90	) [1]	3.10	(2.50	) [1]	NA	ND	(1.50	) [1]
Total TCDD	ND	(1.50	) [1]	ND	(2.50	) [1]	NA	ND	(1.50	) [1]
Total TCDF	ND	(1.10	) [1]	ND	(2.00	) [1]	NA	ND	(1.10	) [1]

Compiled: 06/2[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date	Q	(	)	[ ]
OLM03.2 - Pesticides and PCBs (ug/L)								
4,4'-DDD	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
4,4'-DDE	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
4,4'-DDT	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aldrin	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1016	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1221	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1232	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1242	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1248	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1254	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Aroclor-1260	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Dieldrin	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endosulfan I	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endosulfan II	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endosulfan sulfate	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endrin	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endrin aldehyde	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Endrin ketone	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Heptachlor	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Heptachlor epoxide	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Methoxychlor	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
Toxaphene	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
alpha-BHC	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	ND	0.00		[1]
4,4'-DDD	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
4,4'-DDE	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
4,4'-DDT	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aldrin	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1016	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1221	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1232	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1242	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1248	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1254	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Aroclor-1260	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Dieldrin	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endosulfan I	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endosulfan II	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endosulfan sulfate	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endrin	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endrin aldehyde	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Endrin ketone	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Heptachlor	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Heptachlor epoxide	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Methoxychlor	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
Toxaphene	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
alpha-BHC	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	ND UJ	0.00		[1]
4,4'-DDD	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
4,4'-DDE	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
4,4'-DDT	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aldrin	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1016	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1221	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1232	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1242	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1248	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1254	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Aroclor-1260	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Dieldrin	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endosulfan I	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endosulfan II	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endosulfan sulfate	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endrin	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endrin aldehyde	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Endrin ketone	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Heptachlor	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Heptachlor epoxide	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Methoxychlor	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
Toxaphene	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
alpha-BHC	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	ND UJ	0.00		[1]
4,4'-DDD	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
4,4'-DDE	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
4,4'-DDT	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aldrin	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1016	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1221	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1232	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1242	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1248	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1254	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Aroclor-1260	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Dieldrin	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endosulfan I	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endosulfan II	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endosulfan sulfate	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endrin	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endrin aldehyde	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Endrin ketone	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Heptachlor	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Heptachlor epoxide	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Methoxychlor	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
Toxaphene	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]
alpha-BHC	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98	ND UJ	0.00		[1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date			
	TRND				TRND				TRND				TRND			
	TRND-SO11				TRND-SO16				TRND-SO27				TRND-SO31			
	NA-TRND-SO11-51				NA-TRND-SO16-51				NA-TRND-SO27-51				NA-TRND-SO31-51			
	10-MAR-98				15-MAR-98				16-MAR-98				17-MAR-98			
OLM03.2 - Pesticides and PCBs, cont. (ug/L)																
alpha-Chlordane	ND		(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
beta-BHC	ND		(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
delta-BHC	ND		(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
gamma-BHC(Lindane)	ND		(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
gamma-Chlordane	ND		(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]	ND	UJ	(0.00	) [1]
OLMO3.2 - Semi-Volatile Organic Compounds (ug/L)																
1,2,4-Trichlorobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
1,2-Dichlorobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
1,3-Dichlorobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
1,4-Dichlorobenzene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,2'-oxybis(1-chloropropane)	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4,5-Trichlorophenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4,6-Trichlorophenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4-Dichlorophenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4-Dimethylphenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4-Dinitrophenol	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,4-Dinitrotoluene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2,6-Dinitrotoluene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2-Chloronaphthalene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2-Chlorophenol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2-Methylnaphthalene	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
2-Nitroaniline	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]

Compiled: 06/2[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id	Location Id	Sample Id	Log Date											
	TRND	TRND-SO11	NA-TRND-SO11-51	10-MAR-98	TRND	TRND-SO16	NA-TRND-SO16-51	15-MAR-98	TRND	TRND-SO27	NA-TRND-SO27-51	16-MAR-98	TRND	TRND-SO31	NA-TRND-SO31-51	17-MAR-98
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)																
2-Nitrophenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
3,3'-Dichlorobenzidine	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
3-Nitroaniline	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4,6-Dinitro-2-methylphenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Bromophenyl-phenylether	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Chloro-3-methylphenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Chloroaniline	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Chlorophenyl-phenylether	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Nitroanaline	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
4-Nitrophenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Acenaphthene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Acenaphthylene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Anthracene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Benzo(a)anthracene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Benzo(a)pyrene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Benzo(b)fluoranthene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Benzo(g,h,i)perylene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Benzo(k)fluoranthene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Butylbenzylphthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Carbazole	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Chrysene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Dibenz(a,h)anthracene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	
Dibenzofuran	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	(1.00	) [1]	

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id / Location Id / Sample Id / Log Date															
	TRND / TRND-SO11 / NA-TRND-SO11-51 / 10-MAR-98				TRND / TRND-SO16 / NA-TRND-SO16-51 / 15-MAR-98				TRND / TRND-SO27 / NA-TRND-SO27-51 / 16-MAR-98				TRND / TRND-SO31 / NA-TRND-SO31-51 / 17-MAR-98			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)																
Diethylphthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Dimethylphthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Fluoranthene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Fluorene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Hexachloro-1,3-butadiene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Hexachlorobenzene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Hexachlorocyclopentadiene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Hexachloroethane	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Indeno(1,2,3-cd)pyrene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Isophorone	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
N-Nitroso-di-n-propylamine	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
N-Nitrosodiphenylamine	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Naphthalene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Nitrobenzene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Pentachlorophenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Phenanthrene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Phenol	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
Pyrene	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
bis(2-Chloroethoxy)methane	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
bis(2-Chloroethyl)ether	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
bis(2-Ethylhexyl)phthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
di-n-Butylphthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	
di-n-Octylphthalate	ND	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	UJ	(1.00	) [1]		ND	(1.00	) [1]	

Compiled: 06/2[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id				Location Id				Sample Id				Log Date			
	TRND				TRND				TRND				TRND			
	TRND-SO11				TRND-SO16				TRND-SO27				TRND-SO31			
	NA-TRND-SO11-51				NA-TRND-SO16-51				NA-TRND-SO27-51				NA-TRND-SO31-51			
	10-MAR-98				15-MAR-98				16-MAR-98				17-MAR-98			
OLMO3.2 - Semi-Volatile Organic Compounds, cont. (ug/L)																
o-Cresol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
p-Cresol	ND		(1.00	) [1]	ND	UJ	(1.00	) [1]	ND	UJ	(1.00	) [1]	ND		(1.00	) [1]
SW8290 - Dioxins (ppq)																
1,2,3,4,6,7,8,9-OCDD	6.70	J	(4.40	) [1]	ND		(20.7	) [1]	ND		(18.3	) [1]	ND		(10.8	) [1]
1,2,3,4,6,7,8,9-OCDF	ND		(3.50	) [1]	ND		(18.5	) [1]	ND		(16.4	) [1]	ND		(9.70	) [1]
1,2,3,4,6,7,8-HpCDD	ND		(3.60	) [1]	ND		(11.5	) [1]	ND		(11.1	) [1]	ND		(6.80	) [1]
1,2,3,4,6,7,8-HpCDF	ND		(2.50	) [1]	ND		(7.10	) [1]	7.10	J	(6.60	) [1]	ND		(4.20	) [1]
1,2,3,4,7,8,9-HpCDF	ND		(3.30	) [1]	ND		(10.0	) [1]	ND	J	(9.30	) [1]	ND		(6.00	) [1]
1,2,3,4,7,8-HxCDD	ND		(3.80	) [1]	ND		(7.20	) [1]	8.60	J	(7.40	) [1]	ND		(5.00	) [1]
1,2,3,4,7,8-HxCDF	ND		(2.50	) [1]	ND		(4.70	) [1]	9.60	J	(4.50	) [1]	ND		(3.10	) [1]
1,2,3,6,7,8-HxCDD	ND		(3.00	) [1]	ND		(7.10	) [1]	7.80	J	(7.30	) [1]	ND		(4.90	) [1]
1,2,3,6,7,8-HxCDF	ND		(2.00	) [1]	ND		(4.60	) [1]	8.40	J	(4.40	) [1]	ND		(3.00	) [1]
1,2,3,7,8,9-HxCDD	ND		(3.10	) [1]	ND		(7.10	) [1]	8.80	J	(7.20	) [1]	ND		(4.90	) [1]
1,2,3,7,8,9-HxCDF	ND		(2.90	) [1]	ND		(6.30	) [1]	8.20	J	(6.00	) [1]	ND		(4.20	) [1]
1,2,3,7,8-PeCDD	ND		(2.50	) [1]	ND		(5.70	) [1]	9.70	J	(6.00	) [1]	ND		(4.30	) [1]
1,2,3,7,8-PeCDF	ND		(1.90	) [1]	ND		(4.40	) [1]	13.0	J	(4.30	) [1]	ND		(3.00	) [1]
2,3,4,6,7,8-HxCDF	ND		(2.50	) [1]	ND		(5.60	) [1]	6.90	J	(5.30	) [1]	ND		(3.70	) [1]
2,3,4,7,8-PeCDF	ND		(2.00	) [1]	ND		(4.50	) [1]	9.50	J	(4.40	) [1]	ND		(3.20	) [1]
2,3,7,8-TCDD	ND		(1.80	) [1]	ND		(3.60	) [1]	4.50	J	(3.70	) [1]	ND		(2.70	) [1]
2,3,7,8-TCDF	ND		(1.50	) [1]	ND		(2.90	) [1]	ND		(3.00	) [1]	ND		(2.20	) [1]
Total HpCDD	ND		(3.60	) [1]	ND		(11.5	) [1]	ND		(11.1	) [1]	ND		(6.80	) [1]
Total HpCDF	ND		(2.80	) [1]	ND		(8.30	) [1]	ND		(7.70	) [1]	ND		(5.00	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 4

Results of Organic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date											
	TRND TRND-SO11 NA-TRND-SO11-51 10-MAR-98			TRND TRND-SO16 NA-TRND-SO16-51 15-MAR-98			TRND TRND-SO27 NA-TRND-SO27-51 16-MAR-98			TRND TRND-SO31 NA-TRND-SO31-51 17-MAR-98		
SW8290 - Dioxins, cont. (ppq)												
Total HxCDD	ND	(3.20	) [1]	ND	(7.20	) [1]	25.2	(7.30	) [1]	ND	(4.90	) [1]
Total HxCDF	ND	(2.40	) [1]	ND	(5.20	) [1]	9.60	(5.00	) [1]	ND	(3.50	) [1]
Total PeCDD	ND	(2.50	) [1]	ND	(5.70	) [1]	9.70	(6.00	) [1]	ND	(4.30	) [1]
Total PeCDF	ND	(1.90	) [1]	ND	(4.40	) [1]	22.5	(4.40	) [1]	ND	(3.10	) [1]
Total TCDD	ND	(1.80	) [1]	ND	(3.60	) [1]	4.50	(3.70	) [1]	ND	(2.70	) [1]
Total TCDF	ND	(1.50	) [1]	ND	(2.90	) [1]	ND	(3.00	) [1]	ND	(2.20	) [1]

Table 5

Table 5

Results of Inorganic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	Site Id Location Id Sample Id Log Date	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98				TRND TRND-SO11 NA-TRND-SO11-51 10-MAR-98			
E300 - Anions (mg/L)																	
Chloride		ND		(0.0500	) [1]	NA				NA				NA			
Fluoride		ND		(0.0200	) [1]	NA				NA				NA			
Sulfate		ND		(0.0500	) [1]	NA				NA				NA			
E353.2 - Nitrate (mg/L)																	
Nitrate		3.66		(2.50	) [1]	NA				NA				NA			
ILM04.0 - Total Cyanide (ug/L)																	
Cyanide		ND		(5.00	) [1]	ND		(5.00	) [1]	11.4		(5.00	) [1]	ND		(5.00	) [1]
ILMO4.0 - CLP Metals (ug/L)																	
Aluminum		75.5	B	(12.0	) [1]	48.6	B	(12.0	) [1]	17.7	B	(12.0	) [1]	ND		(12.0	) [1]
Antimony		ND		(3.00	) [1]	ND		(3.00	) [1]	ND		(3.00	) [1]	ND		(3.00	) [1]
Arsenic		ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]
Barium		1.60	B	(1.00	) [1]	1.60	B	(1.00	) [1]	1.50	B	(1.00	) [1]	1.20	B	(1.00	) [1]
Beryllium		ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Cadmium		ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Calcium		255	B	(26.0	) [1]	286	B	(26.0	) [1]	336	B	(26.0	) [1]	280	B	(26.0	) [1]
Chromium		ND		(1.00	) [1]	ND		(1.00	) [1]	ND	UL	(1.00	) [1]	ND	UL	(1.00	) [1]
Cobalt		ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Copper		2.30	B	(1.00	) [1]	2.10	B	(1.00	) [1]	2.70	B	(1.00	) [1]	2.70	B	(1.00	) [1]
Iron		34.4		(14.0	) [1]	31.5		(14.0	) [1]	190		(14.0	) [1]	19.4		(14.0	) [1]
Lead		ND		(2.00	) [1]	ND		(2.00	) [1]	ND		(2.00	) [1]	ND		(2.00	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 5

Results of Inorganic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter	DVCT DVCT-SO04 NA-DVCT-SO04-51 09-MAR-98				ELEM ELEM-SO04 NA-ELEM-SO04-51(1005) 08-MAR-98				REF2 REF2-SO02 NA-REF2-SO02-51 07-MAR-98				TRND TRND-SO11 NA-TRND-SO11-51 10-MAR-98			
ILMO4.0 - CLP Metals, cont. (ug/L)																
Magnesium	62.4	B	(9.00	) [1]	120	B	(9.00	) [1]	68.2	B	(9.00	) [1]	53.6	B	(9.00	) [1]
Manganese	ND		(1.00	) [1]	1.00		(1.00	) [1]	1.90		(1.00	) [1]	ND		(1.00	) [1]
Mercury	ND		(0.100	) [1]	ND		(0.100	) [1]	ND		(0.100	) [1]	ND		(0.100	) [1]
Nickel	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Potassium	58.6	B	(6.00	) [1]	95.0	B	(6.00	) [1]	56.0	B	(6.00	) [1]	38.1	B	(6.00	) [1]
Selenium	ND		(2.00	) [1]	ND	UL	(2.00	) [1]	ND		(2.00	) [1]	ND		(2.00	) [1]
Silver	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Sodium	468	B	(100	) [1]	406	B	(100	) [1]	440	B	(100	) [1]	682	B	(100	) [1]
Thallium	ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]
Vanadium	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Zinc	2.50	B	(1.00	) [1]	1.50	B	(1.00	) [1]	21.0		(1.00	) [1]	2.30	B	(1.00	) [1]

Compiled: 06/2[redacted]

() = Detection Limit [] = Dilution Factor [redacted] Not Detected NA = Not Applicable

Table 5

Results of Inorganic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

Parameter											
Site Id	TRND			TRND			TRND				
Location Id	TRND-SO16			TRND-SO27			TRND-SO31				
Sample Id	NA-TRND-SO16-51			NA-TRND-SO27-51			NA-TRND-SO31-51				
Log Date	15-MAR-98			16-MAR-98			17-MAR-98				
ILM04.0 - Total Cyanide (ug/L)											
Cyanide	ND		(5.00	) [1]	ND		(5.00	) [1]	ND		(5.00	) [1]
ILMO4.0 - CLP Metals (ug/L)											
Aluminum	234	B	(12.0	) [1]	92.1	B	(12.0	) [1]	24.4	B	(12.0	) [1]
Antimony	ND		(3.00	) [1]	ND		(3.00	) [1]	ND		(3.00	) [1]
Arsenic	ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]
Barium	3.10	B	(1.00	) [1]	ND		(1.00	) [1]	1.10	B	(1.00	) [1]
Beryllium	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Cadmium	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Calcium	375	B	(26.0	) [1]	262	B	(26.0	) [1]	237	B	(26.0	) [1]
Chromium	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Cobalt	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Copper	3.60	B	(1.00	) [1]	1.20	B	(1.00	) [1]	1.30	B	(1.00	) [1]
Iron	191	B	(14.0	) [1]	14.0	B	(14.0	) [1]	67.0	B	(14.0	) [1]
Lead	35.5		(2.00	) [1]	ND		(2.00	) [1]	ND		(2.00	) [1]
Magnesium	149	B	(9.00	) [1]	53.3	B	(9.00	) [1]	54.4	B	(9.00	) [1]
Manganese	1.80	B	(1.00	) [1]	ND		(1.00	) [1]	1.20	B	(1.00	) [1]
Mercury	ND		(0.100	) [1]	ND		(0.100	) [1]	ND		(0.100	) [1]
Nickel	ND		(2.00	) [1]	ND		(2.00	) [1]	6.60	B	(2.00	) [1]
Potassium	85.9	B	(6.00	) [1]	22.3	B	(6.00	) [1]	106	B	(6.00	) [1]
Selenium	ND		(2.00	) [1]	ND		(2.00	) [1]	ND		(2.00	) [1]
Silver	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Sodium	405	B	(100	) [1]	183	B	(100	) [1]	480	B	(100	) [1]

Compiled: 06/29/98

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

Table 5

Results of Inorganic Analyses For Round 1 Equipment Blank Samples, Atsugi NAF, Japan

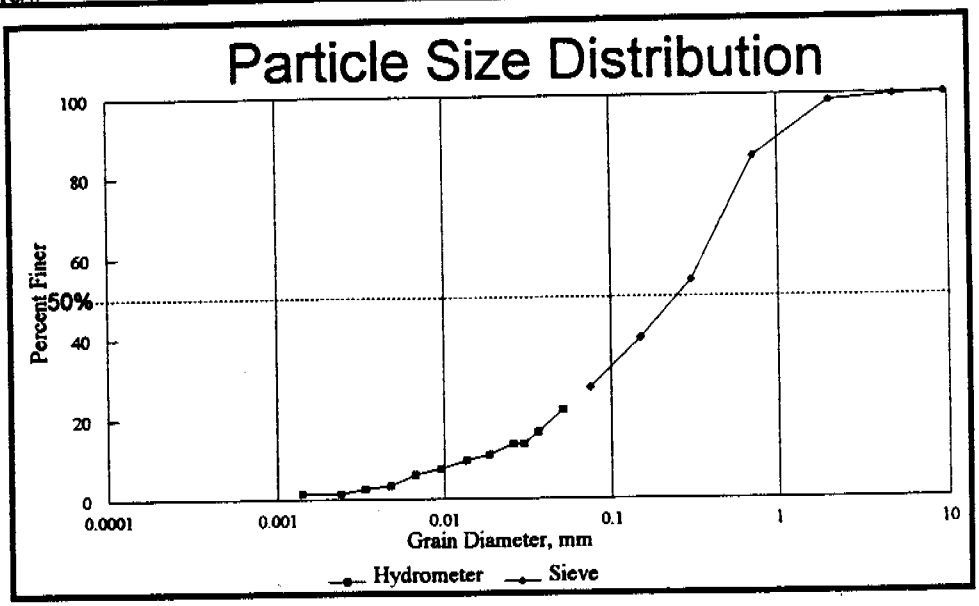
Parameter												
Site Id	TRND				TRND				TRND			
Location Id	TRND-SO16				TRND-SO27				TRND-SO31			
Sample Id	NA-TRND-SO16-51				NA-TRND-SO27-51				NA-TRND-SO31-51			
Log Date	15-MAR-98				16-MAR-98				17-MAR-98			
ILMO4.0 - CLP Metals, cont. (ug/L)												
Thallium	ND		(4.00	) [1]	ND		(4.00	) [1]	ND		(4.00	) [1]
Vanadium	ND		(1.00	) [1]	ND		(1.00	) [1]	ND		(1.00	) [1]
Zinc	16.4	B	(1.00	) [1]	2.30	B	(1.00	) [1]	3.20	B	(1.00	) [1]

APPENDIX I

Geotechnical Plots

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-REFI-SO01-31
Analyst	GAT	Date	4/2/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			53.98	
Moisture content (%), wet wt. basis			33.33	
Wt. of dry sample, Ws (g)			35.99	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.14	0.39	99.6
10	2.000	0.53	1.47	98.1
25	0.710	4.98	13.84	84.3
50	0.300	10.98	30.51	53.8
100	0.150	5.05	14.03	39.8
200	0.075	4.36	12.11	27.6
Total Wt. retained (g)		26.04		

Summary

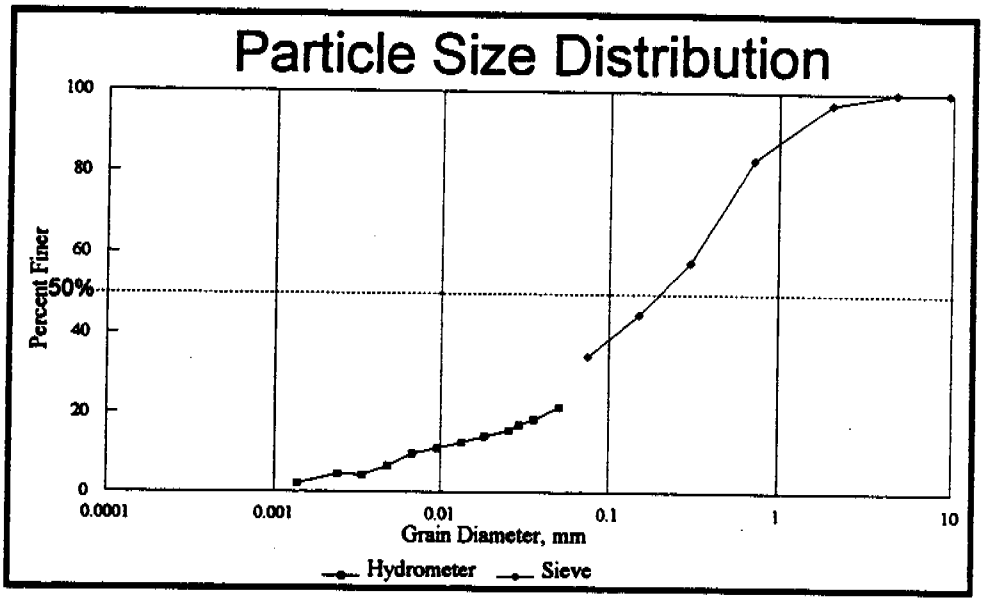
Mean particle size (mm)	0.259
Gravel (%) - retained on No. 4	0.4
Sand (%) - pass No. 4 & retained No. 200	72.0
Silt (%) - 0.074 to 0.005 mm	24.0
Clay (%) - smaller than 0.005 mm	3.6

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.0
Wt. of sample (g)							35.99	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	Lft	K	Diameter mm
							Start			
04/01/98	09:17		20.5							
04/01/98	09:18	1	20.5	13	8	22.2	14.1	14.08	0.0136	0.0512
04/01/98	09:19	2	20.5	11	6	16.7	14.4	7.21	0.0136	0.0366
04/01/98	09:20	3	20.5	10	5	13.9	14.6	4.86	0.0136	0.0301
04/01/98	09:21	4	20.5	10	5	13.9	14.6	3.64	0.0136	0.0261
04/01/98	09:25	8	20.5	9	4	11.1	14.7	1.84	0.0136	0.0185
04/01/98	09:32	15	20.5	8.5	3.5	9.7	14.8	0.99	0.0136	0.0136
04/01/98	09:47	30	21	7.5	2.7	7.5	15.0	0.50	0.0135	0.0095
04/01/98	10:17	60	21	7	2.2	6.1	15.1	0.25	0.0135	0.0068
04/01/98	11:17	120	21.5	6	1.2	3.3	15.2	0.13	0.0135	0.0048
04/01/98	13:17	240	22.5	5.5	0.9	2.5	15.3	0.06	0.0133	0.0034
04/01/98	16:50	453	24	4.5	0.5	1.4	15.5	0.03	0.0130	0.0024
04/02/98	08:53	1416	20	5.5	0.5	1.4	15.3	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Ataugi	Sample ID	NA-REF2-SO05-02
Analyst	JBO	Date	4/3/98



Mechanical (Sieve) Method

Wt. of wet sample (g)	53.38
Moisture content (%), wet wt. basis	37.35
Wt. of dry sample, Ws (g)	33.44

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.93	2.78	97.2
25	0.710	4.68	13.99	83.2
50	0.300	8.56	25.60	57.6
100	0.150	4.28	12.80	44.8
200	0.075	3.51	10.50	34.3
Total Wt. retained (g)		21.96		

Summary

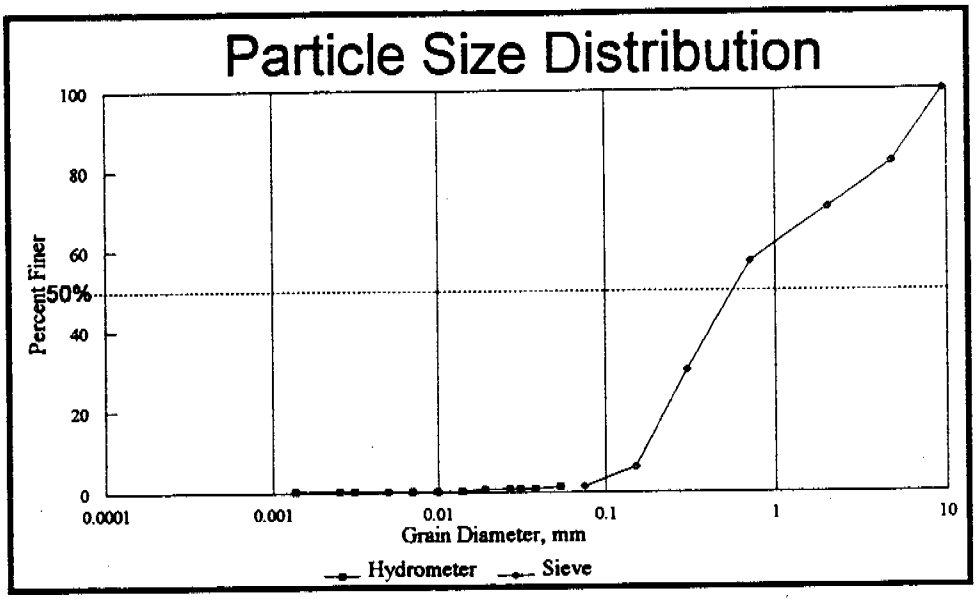
Mean particle size (mm)	0.210
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	65.7
Silt (%) - 0.074 to 0.005 mm	27.4
Clay (%) - smaller than 0.005 mm	6.9

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.0
Wt. of sample (g)							33.44	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/02/98	09:06		21				Start			
04/02/98	09:07	1	21	12	7.2	21.5	14.2	14.25	0.0135	0.0509
04/02/98	09:08	2	21	11	6.2	18.5	14.4	7.21	0.0135	0.0362
04/02/98	09:09	3	21	10.5	5.7	17.0	14.5	4.83	0.0135	0.0296
04/02/98	09:10	4	21	10	5.2	15.5	14.6	3.64	0.0135	0.0257
04/02/98	09:14	8	21	9.5	4.7	14.1	14.7	1.83	0.0135	0.0183
04/02/98	09:21	15	21	9	4.2	12.6	14.7	0.98	0.0135	0.0134
04/02/98	09:36	30	21	8.5	3.7	11.1	14.8	0.49	0.0135	0.0095
04/02/98	10:06	60	21	8	3.2	9.6	14.9	0.25	0.0135	0.0067
04/02/98	11:06	120	21.5	7	2.2	6.6	15.1	0.13	0.0135	0.0048
04/02/98	13:06	240	22	6	1.4	4.2	15.2	0.06	0.0133	0.0034
04/02/98	16:36	450	24	5.5	1.5	4.5	15.3	0.03	0.0130	0.0024
04/03/98	09:06	1440	21	5.5	0.7	2.1	15.3	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-DVCT-SO04-01
Analyst	JBO	Date	4/1/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			91.41	
Moisture content (%), wet wt. basis			5.34	
Wt. of dry sample, Ws (g)			86.53	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	15.45	17.86	82.1
10	2.000	9.84	11.37	70.8
25	0.710	11.84	13.68	57.1
50	0.300	23.28	26.90	30.2
100	0.150	20.76	23.99	6.2
200	0.075	4.07	4.70	1.5
Total Wt. retained (g)		85.24		

Summary

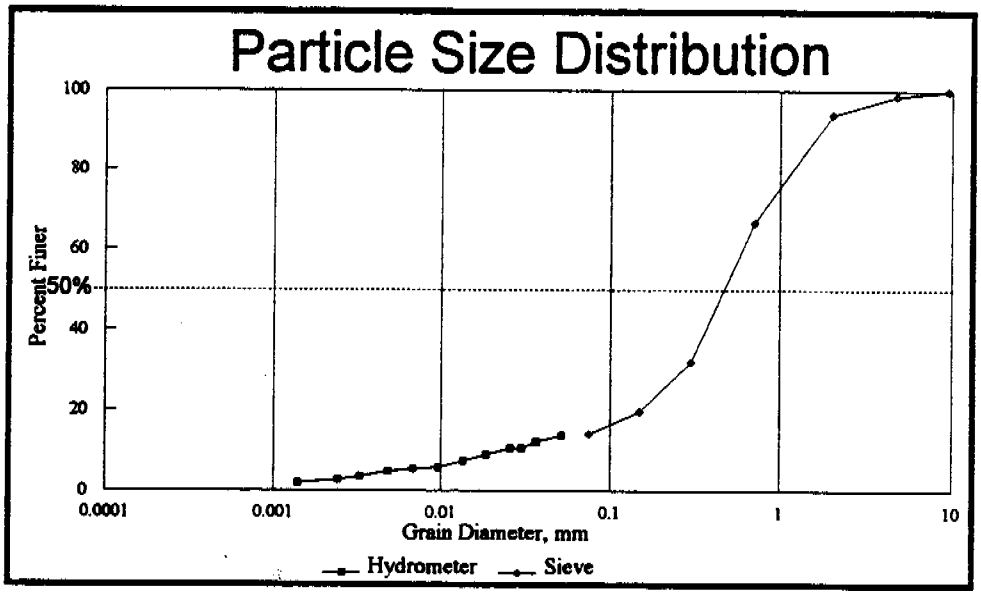
Mean particle size (mm)	0.600
Gravel (%) - retained on No. 4	17.9
Sand (%) - pass No. 4 & retained No. 200	80.6
Silt (%) - 0.074 to 0.005 mm	1.3
Clay (%) - smaller than 0.005 mm	0.2

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.0
Wt. of sample (g)							86.53	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
03/31/98	08:42		19				Start			
03/31/98	08:43	1	19	6.5	1.2	1.4	15.1	15.15	0.0138	0.0538
03/31/98	08:44	2	19	6	0.7	0.8	15.2	7.62	0.0138	0.0381
03/31/98	08:45	3	19	6	0.7	0.8	15.2	5.08	0.0138	0.0311
03/31/98	08:46	4	19	6	0.7	0.8	15.2	3.81	0.0138	0.0270
03/31/98	08:50	8	19	6	0.7	0.8	15.2	1.90	0.0138	0.0191
03/31/98	08:57	15	19	5.5	0.2	0.2	15.3	1.02	0.0138	0.0140
03/31/98	09:12	30	19.5	5.5	0.2	0.2	15.3	0.51	0.0138	0.0099
03/31/98	09:42	60	19.5	5.5	0.2	0.2	15.3	0.26	0.0138	0.0070
03/31/98	10:42	120	19.5	5.5	0.2	0.2	15.3	0.13	0.0138	0.0049
03/31/98	13:30	288	21	5	0.2	0.2	15.4	0.05	0.0135	0.0031
03/31/98	16:00	438	21	5	0.2	0.2	15.4	0.04	0.0135	0.0025
04/01/98	09:42	1500	21	5	0.2	0.2	15.4	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-DVCT-SO06-01
Analyst	GAT	Date	4/1/98



Mechanical (Sieve) Method

Wt. of wet sample (g)	77.30
Moisture content (%), wet wt. basis	18.14
Wt. of dry sample, Ws (g)	63.28

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.81	1.28	98.7
10	2.000	2.97	4.69	94.0
25	0.710	17.42	27.53	66.5
50	0.300	21.86	34.55	32.0
100	0.150	7.67	12.12	19.8
200	0.075	3.65	5.77	14.1
Total Wt. retained (g)		54.38		

Summary

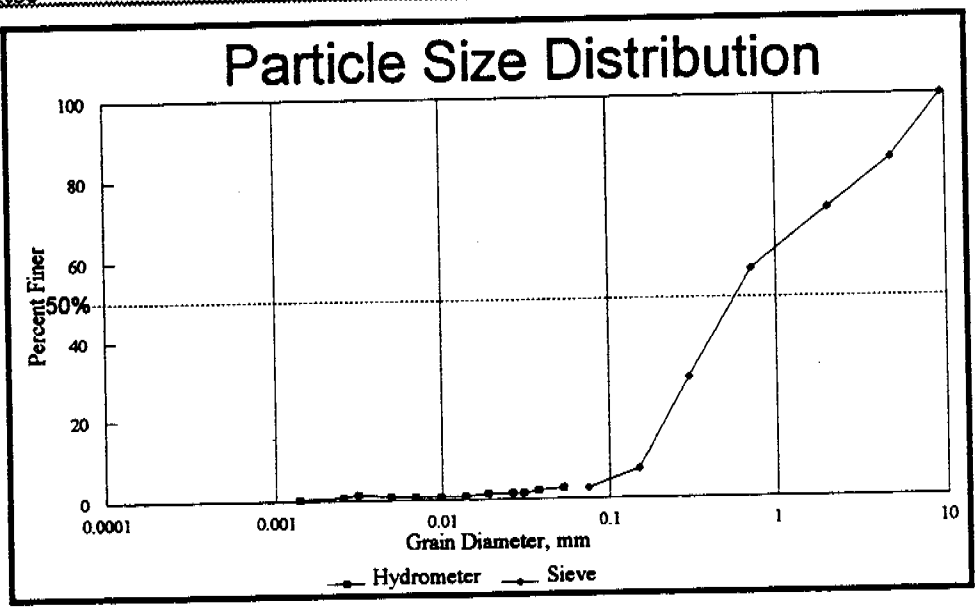
Mean particle size (mm)	0.514
Gravel (%) - retained on No. 4	1.3
Sand (%) - pass No. 4 & retained No. 200	84.6
Silt (%) - 0.074 to 0.005 mm	9.3
Clay (%) - smaller than 0.005 mm	4.8

Hydrometer Method

						Specific gravity		2.65			
						a, corr. factor		1.00	Zero correction		5.0
						Wt. of sample (g)		63.28	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm	
03/31/98	09:26		19.5				Start				
03/31/98	09:27	1	19.5	14	8.7	13.7	13.9	13.92	0.0138	0.0516	
03/31/98	09:28	2	19.5	13	7.7	12.2	14.1	7.04	0.0138	0.0367	
03/31/98	09:29	3	19.5	12	6.7	10.6	14.2	4.75	0.0138	0.0301	
03/31/98	09:30	4	19.5	12	6.7	10.6	14.2	3.56	0.0138	0.0261	
03/31/98	09:34	8	19.5	11	5.7	9.0	14.4	1.80	0.0138	0.0185	
03/31/98	09:41	15	19.5	10	4.7	7.4	14.6	0.97	0.0138	0.0136	
03/31/98	09:56	30	19.5	9	3.7	5.8	14.7	0.49	0.0138	0.0097	
03/31/98	10:26	60	20	8.5	3.5	5.5	14.8	0.25	0.0136	0.0068	
03/31/98	11:26	120	20.5	8	3	4.7	14.9	0.12	0.0136	0.0048	
03/31/98	13:40	254	21	7	2.2	3.5	15.1	0.06	0.0135	0.0033	
03/31/98	16:50	444	23	6	1.7	2.7	15.2	0.03	0.0132	0.0024	
04/01/98	09:00	1414	21	6	1.2	1.9	15.2	0.01	0.0135	0.0014	

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-ELEM-SO02-01
Analyst	JBO	Date	4/1/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			91.11	
Moisture content (%), wet wt. basis			9.24	
Wt. of dry sample, Ws (g)			82.69	
Sieve no	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	13.00	15.72	84.3
10	2.000	10.21	12.35	71.9
25	0.710	12.50	15.12	56.8
50	0.300	22.25	26.91	29.9
100	0.150	18.75	22.67	7.2
200	0.075	3.92	4.74	2.5
Total Wt. retained (g)		80.63		

Summary

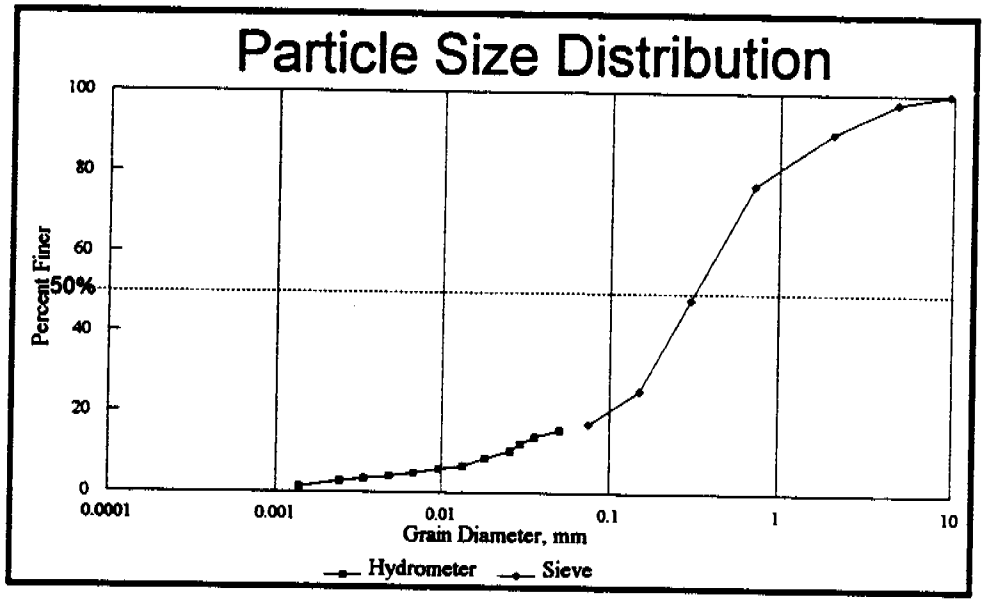
Mean particle size (mm)	0.610
Gravel (%) - retained on No. 4	15.7
Sand (%) - pass No. 4 & retained No. 200	81.8
Silt (%) - 0.074 to 0.005 mm	1.7
Clay (%) - smaller than 0.005 mm	0.8

Hydrometer Method

Specific gravity						2.65				
a, corr. factor						1.00	Zero correction			6.0
Wt. of sample (g)						82.69	Meniscus correction			0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time min/des	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
							Start			
03/31/98	08:44		19							
03/31/98	08:45	1	19	8.5	2.2	2.7	14.8	14.82	0.0138	0.0532
03/31/98	08:46	2	19	8	1.7	2.1	14.9	7.45	0.0138	0.0377
03/31/98	08:47	3	19	7.5	1.2	1.5	15.0	5.00	0.0138	0.0309
03/31/98	08:48	4	19	7.5	1.2	1.5	15.0	3.75	0.0138	0.0267
03/31/98	08:52	8	19	7.5	1.2	1.5	15.0	1.87	0.0138	0.0189
03/31/98	08:59	15	19	7	0.7	0.8	15.1	1.00	0.0138	0.0138
03/31/98	09:14	30	19.5	7	0.7	0.8	15.1	0.50	0.0138	0.0098
03/31/98	09:44	60	19.5	7	0.7	0.8	15.1	0.25	0.0138	0.0069
03/31/98	10:44	120	19.5	7	0.7	0.8	15.1	0.13	0.0138	0.0049
03/31/98	13:30	286	21	7	1.2	1.5	15.1	0.05	0.0135	0.0031
03/31/98	16:00	436	21	6.5	0.7	0.8	15.1	0.03	0.0135	0.0025
04/01/98	08:44	1440	21	6	0.2	0.2	15.2	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-ELEM-SO04-01
Analyst	JBO	Date	4/3/98



Mechanical (Sieve) Method

Wt. of wet sample (g)	69.79
Moisture content (%), wet wt. basis	20.40
Wt. of dry sample, Ws (g)	55.55

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	1.25	2.25	97.7
10	2.000	4.18	7.52	90.2
25	0.710	7.36	13.25	77.0
50	0.300	16.00	28.80	48.2
100	0.150	12.67	22.81	25.4
200	0.075	4.67	8.41	17.0
Total Wt. retained (g)		46.13		

Summary

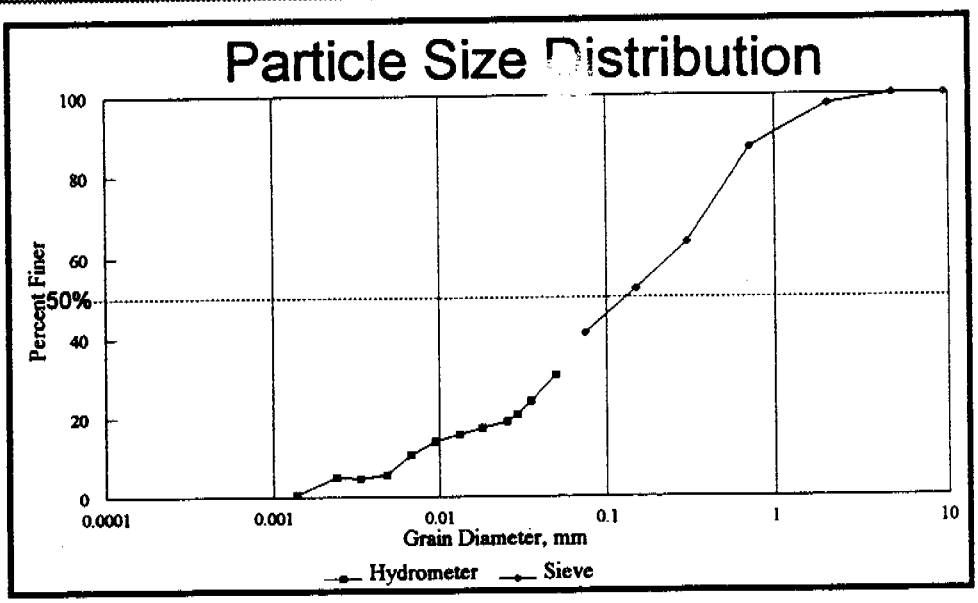
Mean particle size (mm)	0.326
Gravel (%) - retained on No. 4	2.3
Sand (%) - pass No. 4 & retained No. 200	80.7
Silt (%) - 0.074 to 0.005 mm	12.9
Clay (%) - smaller than 0.005 mm	4.1

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		4.5
Wt. of sample (g)							55.55	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/02/98	09:02		21				Start			
04/02/98	09:03	1	21	13	8.7	15.7	14.1	14.08	0.0135	0.0506
04/02/98	09:04	2	21	12	7.7	13.9	14.2	7.12	0.0135	0.0360
04/02/98	09:05	3	21	11	6.7	12.1	14.4	4.80	0.0135	0.0296
04/02/98	09:06	4	21	10	5.7	10.3	14.6	3.64	0.0135	0.0257
04/02/98	09:10	8	21	9	4.7	8.5	14.7	1.84	0.0135	0.0183
04/02/98	09:17	15	21	8	3.7	6.7	14.9	0.99	0.0135	0.0134
04/02/98	09:32	30	21	7.5	3.2	5.8	15.0	0.50	0.0135	0.0095
04/02/98	10:02	60	21	7	2.7	4.9	15.1	0.25	0.0135	0.0068
04/02/98	11:02	120	21.5	6.5	2.2	4.0	15.1	0.13	0.0135	0.0048
04/02/98	13:02	240	22	6	1.9	3.4	15.2	0.06	0.0133	0.0034
04/02/98	16:32	450	24	5	1.5	2.7	15.4	0.03	0.0130	0.0024
04/03/98	09:02	1440	21	5	0.7	1.3	15.4	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TOWR-SO03-01
Analyst	JBO	Date	4/3/98



Mechanical (Sieve) Method

Wt. of wet sample (g)		53.04	
Moisture content (%), wet wt. basis		43.46	
Wt. of dry sample, Ws (g)		29.99	

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.75	2.50	97.5
25	0.710	3.21	10.70	86.8
50	0.300	7.01	23.38	63.4
100	0.150	3.44	11.47	51.9
200	0.075	3.25	10.84	41.1
Total Wt. retained (g)		17.66		

Summary

Mean particle size (mm)	0.137
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	58.9
Silt (%) - 0.074 to 0.005 mm	34.9
Clay (%) - smaller than 0.005 mm	6.2

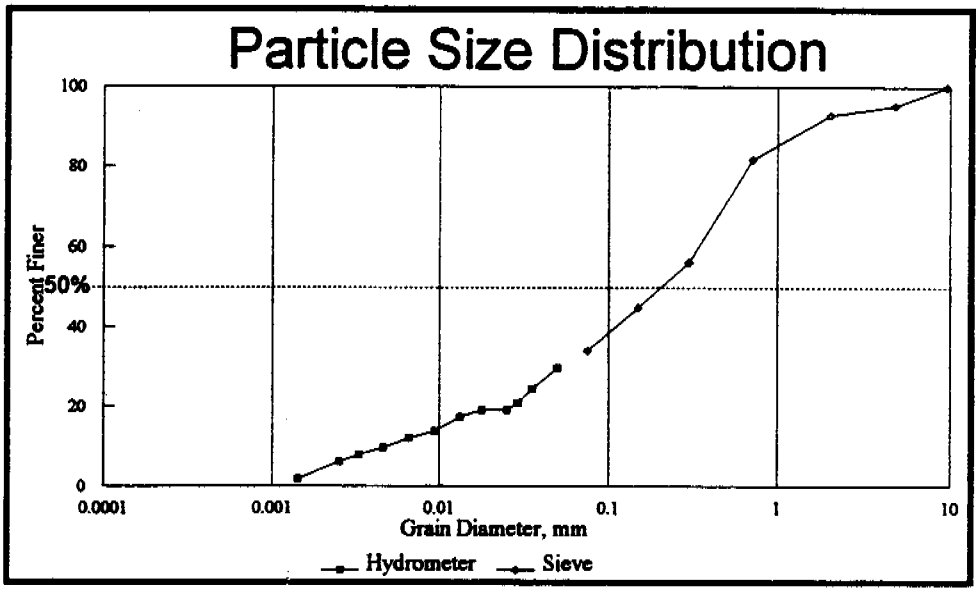
Hydrometer Method

Specific gravity	2.65		
a, corr. factor	1.00	Zero correction	6.0
Wt. of sample (g)	29.99	Meniscus correction	0.5

Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/02/98	09:04		21				Start			
04/02/98	09:05	1	21	15	9.2	30.7	13.8	13.76	0.0135	0.0500
04/02/98	09:06	2	21	13	7.2	24.0	14.1	7.04	0.0135	0.0358
04/02/98	09:07	3	21	12	6.2	20.7	14.2	4.75	0.0135	0.0294
04/02/98	09:08	4	21	11.5	5.7	19.0	14.3	3.58	0.0135	0.0255
04/02/98	09:12	8	21	11	5.2	17.3	14.4	1.80	0.0135	0.0181
04/02/98	09:19	15	21	10.5	4.7	15.7	14.5	0.97	0.0135	0.0133
04/02/98	09:34	30	21	10	4.2	14.0	14.6	0.49	0.0135	0.0094
04/02/98	10:04	60	21	9	3.2	10.7	14.7	0.25	0.0135	0.0067
04/02/98	11:04	120	21.5	7.5	1.7	5.7	15.0	0.12	0.0135	0.0048
04/02/98	13:04	240	22	7	1.4	4.7	15.1	0.06	0.0133	0.0033
04/02/98	16:34	450	24	6.5	1.5	5.0	15.1	0.03	0.0130	0.0024
04/03/98	09:04	1440	21	6	0.2	0.7	15.2	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TOWR-SO03-11
Analyst	GAT	Date	3/31/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			50.68	
Moisture content (%), wet wt. basis			44.40	
Wt. of dry sample, Ws (g)			28.18	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	1.35	4.79	95.2
10	2.000	0.64	2.27	92.9
25	0.710	3.14	11.14	81.8
50	0.300	7.24	25.69	56.1
100	0.150	3.19	11.32	44.8
200	0.075	3.01	10.68	34.1
Total Wt. retained (g)		18.57		

Summary

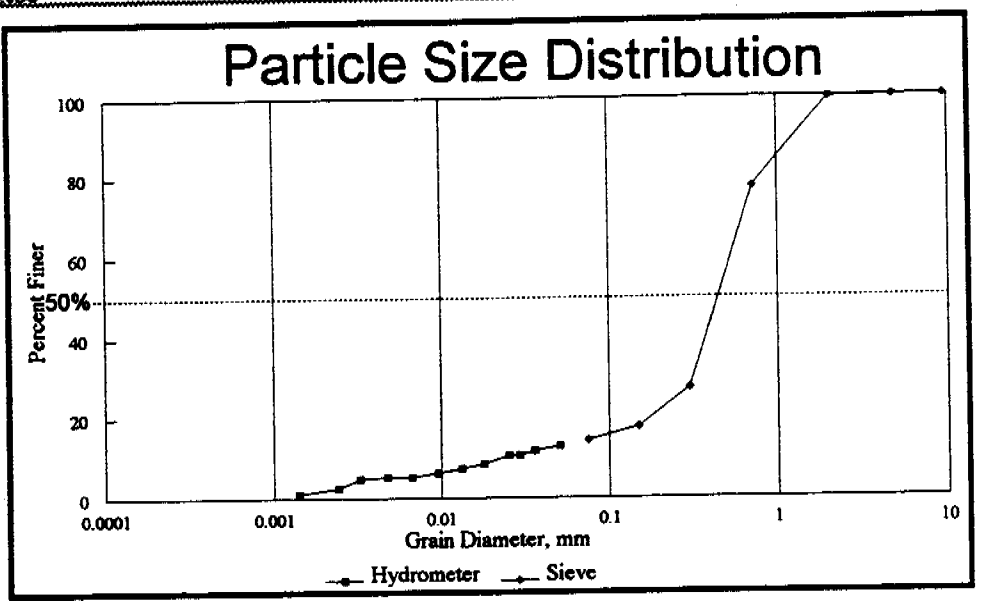
Mean particle size (mm)	0.219
Gravel (%) - retained on No. 4	4.8
Sand (%) - pass No. 4 & retained No. 200	61.1
Silt (%) - 0.074 to 0.005 mm	24.1
Clay (%) - smaller than 0.005 mm	10.0

Hydrometer Method

						Specific gravity		2.65			
						a, corr. factor		1.00	Zero correction		5.0
						Wt. of sample (g)		28.18	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm	
03/30/98	09:31		22.5				Start				
03/30/98	09:32	1	22.5	13	8.4	29.8	14.1	14.08	0.0133	0.0500	
03/30/98	09:33	2	22.5	11.5	6.9	24.5	14.3	7.16	0.0133	0.0357	
03/30/98	09:34	3	22.5	10.5	5.9	20.9	14.5	4.83	0.0133	0.0293	
03/30/98	09:35	4	22.5	10	5.4	19.2	14.6	3.64	0.0133	0.0254	
03/30/98	09:39	8	22.5	10	5.4	19.2	14.6	1.82	0.0133	0.0180	
03/30/98	09:46	15	22.5	9.5	4.9	17.4	14.7	0.98	0.0133	0.0132	
03/30/98	10:01	30	22.5	8.5	3.9	13.8	14.8	0.49	0.0133	0.0094	
03/30/98	10:31	60	22.5	8	3.4	12.1	14.9	0.25	0.0133	0.0066	
03/30/98	11:31	120	23	7	2.7	9.6	15.1	0.13	0.0132	0.0047	
03/30/98	13:31	240	23	6.5	2.2	7.8	15.1	0.06	0.0132	0.0033	
03/30/98	16:30	419	23.5	6	1.7	6.0	15.2	0.04	0.0132	0.0025	
03/31/98	09:00	1409	20	5.5	0.5	1.8	15.3	0.01	0.0136	0.0014	

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TOWR-SO05-01
Analyst	JBO	Date	3/31/98



Mechanical (Sieve) Method

Wt. of wet sample (g)		54.18	
Moisture content (%), wet wt. basis		15.20	
Wt. of dry sample, Ws (g)		45.94	

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.14	0.30	99.7
25	0.710	10.30	22.42	77.3
50	0.300	22.95	49.95	27.3
100	0.150	4.44	9.66	17.7
200	0.075	1.56	3.40	14.3
Total Wt. retained (g)		39.39		

Summary

Mean particle size (mm)	0.486
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	85.7
Silt (%) - 0.074 to 0.005 mm	9.1
Clay (%) - smaller than 0.005 mm	5.2

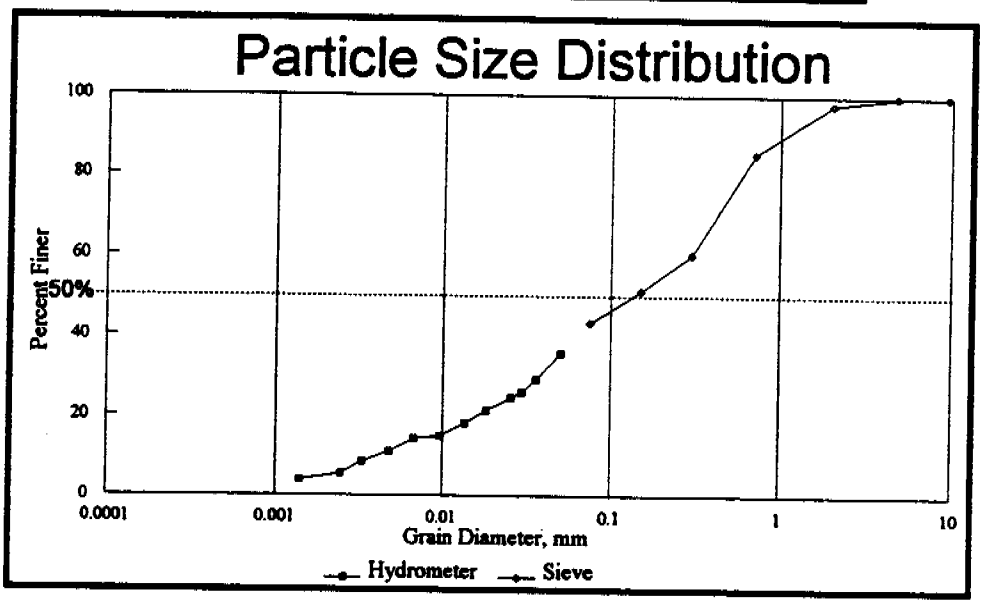
Hydrometer Method

Specific gravity	2.65		
a, corr. factor	1.00	Zero correction	4.5
Wt. of sample (g)	45.94	Meniscus correction	0.5

Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
03/30/98	08:48		22.5				Start			
03/30/98	08:49	1	22.5	10	5.9	12.8	14.6	14.58	0.0133	0.0509
03/30/98	08:50	2	22.5	9.5	5.4	11.8	14.7	7.33	0.0133	0.0361
03/30/98	08:51	3	22.5	9	4.9	10.7	14.7	4.91	0.0133	0.0295
03/30/98	08:52	4	22.5	9	4.9	10.7	14.7	3.68	0.0133	0.0256
03/30/98	08:56	8	22.5	8	3.9	8.5	14.9	1.86	0.0133	0.0182
03/30/98	09:03	15	22.5	7.5	3.4	7.4	15.0	1.00	0.0133	0.0133
03/30/98	09:18	30	22.5	7	2.9	6.3	15.1	0.50	0.0133	0.0094
03/30/98	09:48	60	22.5	6.5	2.4	5.2	15.1	0.25	0.0133	0.0067
03/30/98	10:48	120	22.5	6.5	2.4	5.2	15.1	0.13	0.0133	0.0047
03/30/98	13:00	252	23	6	2.2	4.8	15.2	0.06	0.0132	0.0032
03/30/98	16:30	462	23.5	5	1.2	2.6	15.4	0.03	0.0132	0.0024
03/31/98	08:48	1440	20	5	0.5	1.1	15.4	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TRND-SO01-01
Analyst	GAT	Date	4/1/98



Mechanical (Sieve) Method

Wt. of wet sample (g)	52.89
Moisture content (%), wet wt. basis	40.59
Wt. of dry sample, Ws (g)	31.42

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.70	2.23	97.8
25	0.710	3.89	12.38	85.4
50	0.300	7.94	25.27	60.1
100	0.150	2.85	9.07	51.1
200	0.075	2.47	7.86	43.2
Total Wt. retained (g)		17.85		

Summary

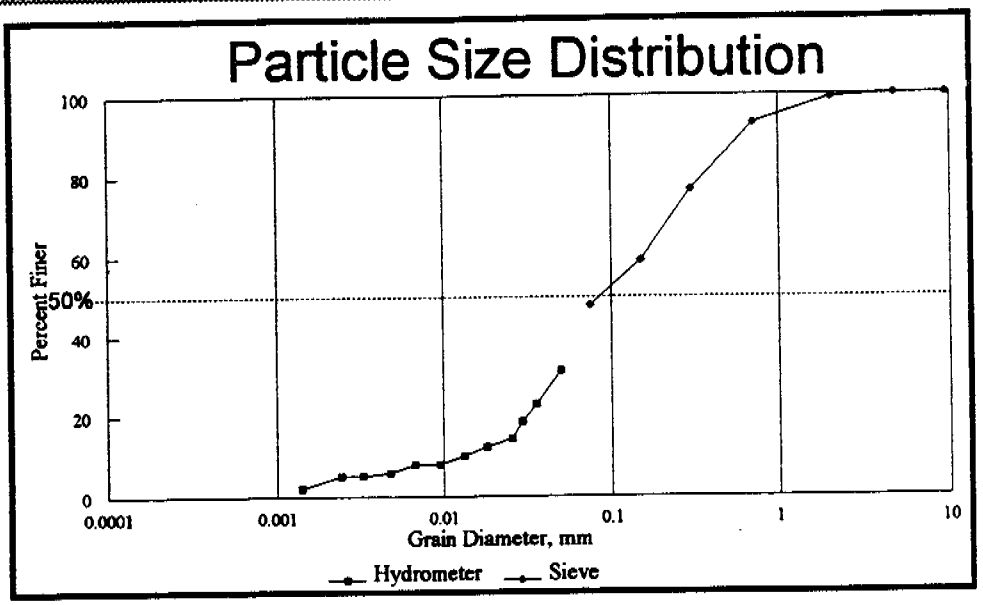
Mean particle size (mm)	0.140
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	56.8
Silt (%) - 0.074 to 0.005 mm	31.8
Clay (%) - smaller than 0.005 mm	11.4

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.5
Wt. of sample (g)							31.42	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
03/31/98	09:28		19.5				Start			
03/31/98	09:29	1	19.5	17	11.2	35.6	13.4	13.43	0.0138	0.0505
03/31/98	09:30	2	19.5	15	9.2	29.3	13.8	6.88	0.0138	0.0362
03/31/98	09:31	3	19.5	14	8.2	26.1	13.9	4.64	0.0138	0.0296
03/31/98	09:32	4	19.5	13.5	7.7	24.5	14.0	3.50	0.0138	0.0259
03/31/98	09:36	8	19.5	12.5	6.7	21.3	14.2	1.77	0.0138	0.0184
03/31/98	09:43	15	19.5	11.5	5.7	18.1	14.3	0.96	0.0138	0.0135
03/31/98	09:58	30	19.5	10.5	4.7	15.0	14.5	0.48	0.0138	0.0096
03/31/98	10:28	60	20	10	4.5	14.3	14.6	0.24	0.0136	0.0067
03/31/98	11:28	120	20.5	9	3.5	11.1	14.7	0.12	0.0136	0.0048
03/31/98	13:40	252	21	8	2.7	8.6	14.9	0.06	0.0135	0.0033
03/31/98	16:50	442	23	6.5	1.7	5.4	15.1	0.03	0.0132	0.0024
04/01/98	09:00	1412	21	6.5	1.2	3.8	15.1	0.01	0.0135	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TRND-SO12-01
Analyst	JBO	Date	3/31/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			51.47	
Moisture content (%), wet wt. basis			54.17	
Wt. of dry sample, Ws (g)			23.59	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.21	0.89	99.1
25	0.710	1.47	6.23	92.9
50	0.300	3.87	16.41	76.5
100	0.150	4.18	17.72	58.8
200	0.075	2.60	11.02	47.7
Total Wt. retained (g)		12.33		

Summary

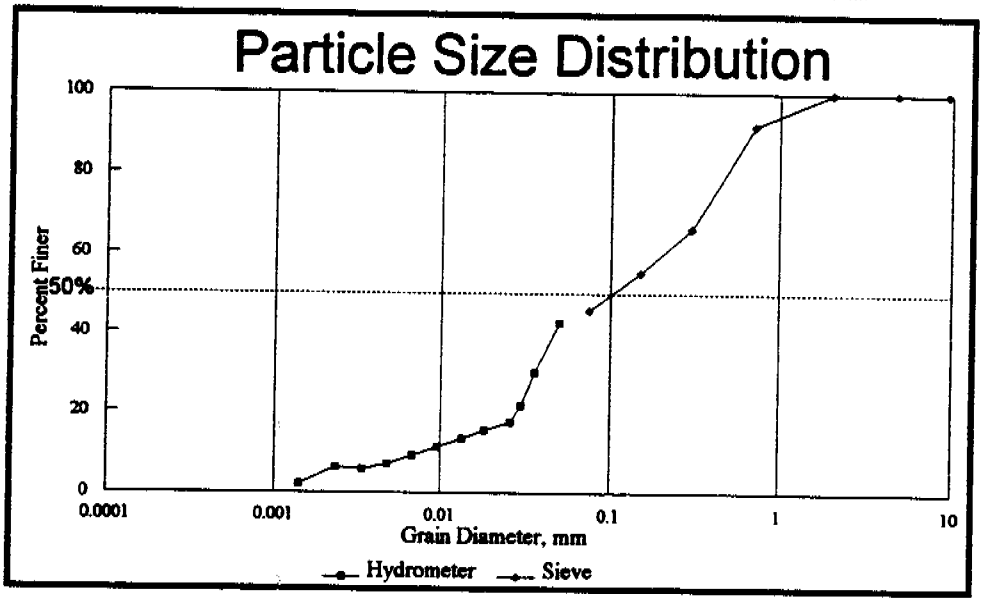
Mean particle size (mm)	0.091
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	52.3
Silt (%) - 0.074 to 0.005 mm	41.5
Clay (%) - smaller than 0.005 mm	6.2

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.0
Wt. of sample (g)							23.59	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
03/30/98	08:50		22.5				Start			
03/30/98	08:51	1	22.5	12	7.4	31.4	14.2	14.25	0.0133	0.0503
03/30/98	08:52	2	22.5	10	5.4	22.9	14.6	7.29	0.0133	0.0360
03/30/98	08:53	3	22.5	9	4.4	18.7	14.7	4.91	0.0133	0.0295
03/30/98	08:54	4	22.5	8	3.4	14.4	14.9	3.73	0.0133	0.0257
03/30/98	08:58	8	22.5	7.5	2.9	12.3	15.0	1.87	0.0133	0.0182
03/30/98	09:05	15	22.5	7	2.4	10.2	15.1	1.00	0.0133	0.0134
03/30/98	09:20	30	22.5	6.5	1.9	8.1	15.1	0.50	0.0133	0.0095
03/30/98	09:50	60	22.5	6.5	1.9	8.1	15.1	0.25	0.0133	0.0067
03/30/98	10:50	120	22.5	6	1.4	5.9	15.2	0.13	0.0133	0.0047
03/30/98	13:00	250	23	5.5	1.2	5.1	15.3	0.06	0.0132	0.0033
03/30/98	16:30	460	23.5	5.5	1.2	5.1	15.3	0.03	0.0132	0.0024
03/31/98	08:50	1440	20	5.5	0.5	2.1	15.3	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TRND-SO12-11
Analyst	JBO	Date	4/2/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			52.25	
Moisture content (%), wet wt. basis			54.16	
Wt. of dry sample, Ws (g)			23.95	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.00	0.00	100.0
25	0.710	1.94	8.10	91.9
50	0.300	6.15	25.68	66.2
100	0.150	2.64	11.02	55.2
200	0.075	2.29	9.56	45.6
Total Wt. retained (g)		13.02		

Summary

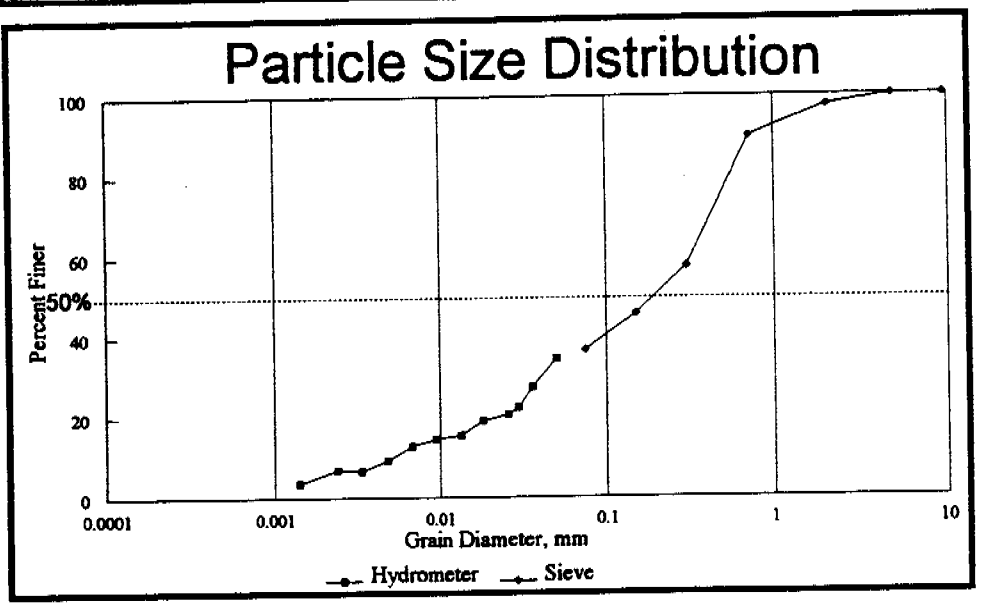
Mean particle size (mm)	0.110
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	54.4
Silt (%) - 0.074 to 0.005 mm	38.3
Clay (%) - smaller than 0.005 mm	7.3

Hydrometer Method

Specific gravity					2.65					
a, corr. factor					1.00	Zero correction				5.0
Wt. of sample (g)					23.95	Meniscus correction				0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/01/98	08:40		21				Start			
04/01/98	08:41	1	21	15	10.2	42.6	13.8	13.76	0.0135	0.0500
04/01/98	08:42	2	21	12	7.2	30.1	14.2	7.12	0.0135	0.0360
04/01/98	08:43	3	21	10	5.2	21.7	14.6	4.86	0.0135	0.0297
04/01/98	08:44	4	21	9	4.2	17.5	14.7	3.68	0.0135	0.0259
04/01/98	08:48	8	21	8.5	3.7	15.4	14.8	1.85	0.0135	0.0184
04/01/98	08:55	15	21	8	3.2	13.4	14.9	0.99	0.0135	0.0134
04/01/98	09:10	30	21	7.5	2.7	11.3	15.0	0.50	0.0135	0.0095
04/01/98	09:40	60	21	7	2.2	9.2	15.1	0.25	0.0135	0.0068
04/01/98	10:40	120	21	6.5	1.7	7.1	15.1	0.13	0.0135	0.0048
04/01/98	12:40	240	22	6	1.4	5.8	15.2	0.06	0.0133	0.0034
04/01/98	16:40	480	24	5.5	1.5	6.3	15.3	0.03	0.0130	0.0023
04/02/98	08:40	1440	20	5.5	0.5	2.1	15.3	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TRND-SO20-01
Analyst	GAT	Date	4/2/98



Mechanical (Sieve) Method

Wt. of wet sample (g)		52.66	
Moisture content (%), wet wt. basis		45.22	
Wt. of dry sample, Ws (g)		28.85	

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.77	2.67	97.3
25	0.710	2.23	7.73	89.6
50	0.300	9.26	32.10	57.5
100	0.150	3.39	11.75	45.7
200	0.075	2.58	8.94	36.8
Total Wt. retained (g)		18.23		

Summary

Mean particle size (mm)	0.205
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	63.2
Silt (%) - 0.074 to 0.005 mm	27.0
Clay (%) - smaller than 0.005 mm	9.8

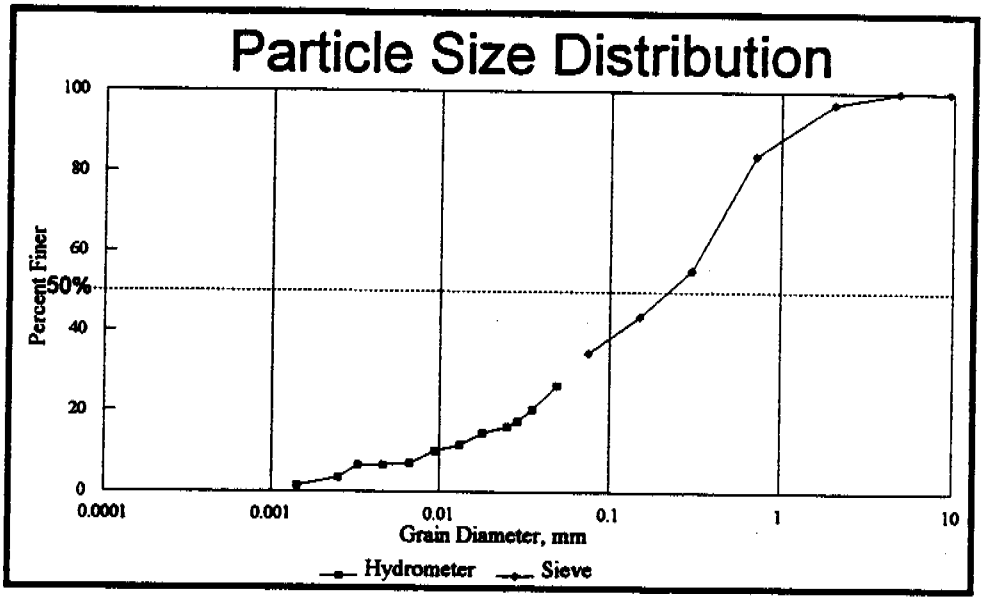
Hydrometer Method

Specific gravity	2.65		
a, corr. factor	1.00	Zero correction	5.0
Wt. of sample (g)	28.85	Meniscus correction	0.5

Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/01/98	09:19		20.5				Start			
04/01/98	09:20	1	20.5	15	10	34.7	13.8	13.76	0.0136	0.0506
04/01/98	09:21	2	20.5	13	8	27.7	14.1	7.04	0.0136	0.0362
04/01/98	09:22	3	20.5	11.5	6.5	22.5	14.3	4.78	0.0136	0.0298
04/01/98	09:23	4	20.5	11	6	20.8	14.4	3.60	0.0136	0.0259
04/01/98	09:27	8	20.5	10.5	5.5	19.1	14.5	1.81	0.0136	0.0184
04/01/98	09:34	15	20.5	9.5	4.5	15.6	14.7	0.98	0.0136	0.0135
04/01/98	09:49	30	21	9	4.2	14.6	14.7	0.49	0.0135	0.0095
04/01/98	10:19	60	21	8.5	3.7	12.8	14.8	0.25	0.0135	0.0067
04/01/98	11:19	120	21.5	7.5	2.7	9.4	15.0	0.12	0.0135	0.0048
04/01/98	13:19	240	22.5	6.5	1.9	6.6	15.1	0.06	0.0133	0.0033
04/01/98	16:50	451	24	6	2	6.9	15.2	0.03	0.0130	0.0024
04/02/98	08:53	1414	20	6	1	3.5	15.2	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Abuqir	Sample ID	NA-TRND-SO29-01
Analyst	GAT	Date	3/31/98



Mechanical (Sieve) Method

Wt. of wet sample (g)			53.44	
Moisture content (%), wet wt. basis			36.86	
Wt. of dry sample, Ws (g)			33.74	
Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.99	2.93	97.1
25	0.710	4.33	12.83	84.2
50	0.300	9.77	28.95	55.3
100	0.150	3.92	11.62	43.7
200	0.075	3.14	9.31	34.4
Total Wt. retained (g)		22.15		

Summary

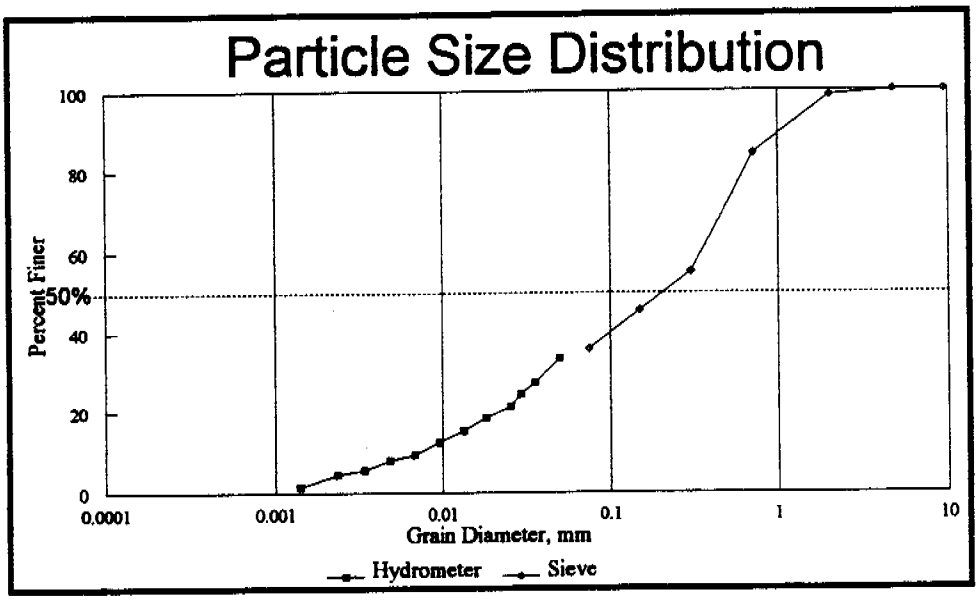
Mean particle size (mm)	0.232
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	65.6
Silt (%) - 0.074 to 0.005 mm	27.8
Clay (%) - smaller than 0.005 mm	6.6

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		5.5
Wt. of sample (g)							33.74	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
03/30/98	09:33		22.5				Start			
03/30/98	09:34	1	22.5	14	8.9	26.4	13.9	13.92	0.0133	0.0497
03/30/98	09:35	2	22.5	12	6.9	20.4	14.2	7.12	0.0133	0.0356
03/30/98	09:36	3	22.5	11	5.9	17.5	14.4	4.80	0.0133	0.0292
03/30/98	09:37	4	22.5	10.5	5.4	16.0	14.5	3.62	0.0133	0.0254
03/30/98	09:41	8	22.5	10	4.9	14.5	14.6	1.82	0.0133	0.0180
03/30/98	09:48	15	22.5	9	3.9	11.6	14.7	0.98	0.0133	0.0132
03/30/98	10:03	30	22.5	8.5	3.4	10.1	14.8	0.49	0.0133	0.0094
03/30/98	10:33	60	22.5	7.5	2.4	7.1	15.0	0.25	0.0133	0.0067
03/30/98	11:33	120	23	7	2.2	6.5	15.1	0.13	0.0132	0.0047
03/30/98	13:33	240	23	7	2.2	6.5	15.1	0.06	0.0132	0.0033
03/30/98	16:30	417	23.5	6	1.2	3.6	15.2	0.04	0.0132	0.0025
03/31/98	09:00	1407	20	6	0.5	1.5	15.2	0.01	0.0136	0.0014

Particle Size Distribution by Mechanical and Hydrometer Methods

Project	NAF Atsugi	Sample ID	NA-TRND-SO29-02
Analyst	JBO	Date	4/2/98



Mechanical (Sieve) Method

Wt. of wet sample (g)	49.23
Moisture content (%), wet wt. basis	31.74
Wt. of dry sample, Ws (g)	33.60

Sieve no.	Diam. (mm)	Wt. ret'd	% ret'd	% passing
0.75	19.000	0.00	0.00	100.0
0.375	9.500	0.00	0.00	100.0
4	4.750	0.00	0.00	100.0
10	2.000	0.44	1.31	98.7
25	0.710	4.89	14.55	84.1
50	0.300	9.80	29.16	55.0
100	0.150	3.20	9.52	45.5
200	0.075	3.23	9.61	35.8
Total Wt. retained (g)		21.56		

Summary

Mean particle size (mm)	0.220
Gravel (%) - retained on No. 4	0.0
Sand (%) - pass No. 4 & retained No. 200	64.2
Silt (%) - 0.074 to 0.005 mm	27.6
Clay (%) - smaller than 0.005 mm	8.2

Hydrometer Method

Specific gravity							2.65			
a, corr. factor							1.00	Zero correction		4.0
Wt. of sample (g)							33.60	Meniscus correction		0.5
Date mm/dd/yy	Time hh:mm	Elapsed Time minutes	Temperature °C	Actual Hyd. Reading Ra	Corrected Hyd. Reading Rc	% Finer	L	L/t	K	Diameter mm
04/01/98	08:42		21				Start			
04/01/98	08:43	1	21	15	11.2	33.3	13.8	13.76	0.0135	0.0500
04/01/98	08:44	2	21	13	9.2	27.4	14.1	7.04	0.0135	0.0358
04/01/98	08:45	3	21	12	8.2	24.4	14.2	4.75	0.0135	0.0294
04/01/98	08:46	4	21	11	7.2	21.4	14.4	3.60	0.0135	0.0256
04/01/98	08:50	8	21	10	6.2	18.4	14.6	1.82	0.0135	0.0182
04/01/98	08:57	15	21	9	5.2	15.5	14.7	0.98	0.0135	0.0134
04/01/98	09:12	30	21	8	4.2	12.5	14.9	0.50	0.0135	0.0095
04/01/98	09:42	60	21	7	3.2	9.5	15.1	0.25	0.0135	0.0068
04/01/98	10:42	120	21	6.5	2.7	8.0	15:1	0.13	0.0135	0.0048
04/01/98	12:42	240	22	5.5	1.9	5.7	15.3	0.06	0.0133	0.0034
04/01/98	16:42	480	24	4.5	1.5	4.5	15.5	0.03	0.0130	0.0023
04/02/98	08:42	1440	20	4.5	0.5	1.5	15.5	0.01	0.0136	0.0014

APPENDIX J

Statistical Basis of Recommendations

Statistical Basis of Recommendations

The following discussion explains how the recommended number of additional samples contained in Table 5-1 of the report were obtained.

In general, the AOC and Reference Area 1 recommendations reflect the minimum number of additional samples that are required to achieve a power of at least 80% to detect a difference of 100%. The "power" is the chance that the statistical means comparison will lead to a "statistically significant" conclusion that the site mean really exceeds the reference mean by a certain amount. A requirement of "80% power to detect a 100% difference" means that if the site mean is twice the reference mean (100% greater), investigators must be 80% certain that the test will lead to the correct conclusion. The computations performed to determine the required sample size assumed that the significance level of the test is 0.05.

Note that the power requirements used for recommendations are slightly relaxed from those stated in the sampling plan (i.e., in the sampling plan, sufficient power to detect a difference of 50% was the stated goal). However, the number of samples required to achieve sufficient power for a 50% difference was considered unreasonable for most areas, so the requirements were relaxed somewhat.

Power is a function of the variability in the data, the sample size, and the difference to be detected. Tables J-1 and J-2 show power calculations under various scenarios for surface soil and subsurface soil, respectively. For each AOC and depth, the relative standard deviations (RSD=standard deviation relative to the mean) for inorganic compounds that exceeded RBSLs were examined. A representative RSD was used as the variability estimate in all power calculations for a given AOC and depth. Power calculations are shown for various combinations of reference and AOC sample sizes. The power to detect an increase of 50%, 100%, and 150% above the reference mean was computed for each sample size combination. For example, for surface soil at the Child Development Center, if 6 reference samples and 8 site samples are available, then the power to detect an increase of 50% is 0.15. The power to detect an increase of 100% is 0.33, and the power to detect an increase of 150% is 0.49.

Table J-1
Recommended Surface Soil Sample Sizes

AOC	Percent Increase[a]	N for Reference: 6 — N for AOC: 8	12	16	N for Reference: 12 — N for AOC: 8	12	16
		Power[b]					
Child Development Center	50%	0.15	0.17	0.18	0.20	0.24	0.27
	100%	0.33	0.39	0.42	0.45	0.55	0.61
	150%	0.49	0.57	0.62	0.66	0.76	0.82
Elementary School	50%	0.15	0.17	0.18	0.20	0.24	0.27
	100%	0.33	0.39	0.42	0.45	0.55	0.61
	150%	0.49	0.57	0.62	0.66	0.76	0.82
Tower Housing Area	50%	0.28	0.32	0.36	0.38	0.47	0.52
	100%	0.62	0.71	0.75	0.79	0.88	0.92
	150%	0.83	0.90	0.93	0.94	0.98	0.99

Table J-2
Recommended Subsurface Soil Sample Sizes

N for Reference		3				6				12			
N for AOC		4	8	12	16	4	8	12	16	4	8	12	16
AOC	Percent Increase[a]	Power[b]											
Child Development Center	50%	0.14	0.18	0.21	0.22	0.19	0.28	0.32	0.36	0.25	0.38	0.47	0.52
	100%	0.29	0.42	0.48	0.52	0.44	0.62	0.71	0.75	0.58	0.79	0.88	0.92
	150%	0.44	0.62	0.69	0.73	0.64	0.83	0.90	0.93	0.79	0.94	0.98	0.99
Elementary School	50%	0.06	0.08	0.08	0.09	0.08	0.10	0.11	0.12	0.09	0.13	0.15	0.17
	100%	0.11	0.14	0.16	0.17	0.15	0.21	0.24	0.26	0.19	0.28	0.35	0.39
	150%	0.15	0.20	0.23	0.25	0.22	0.31	0.36	0.40	0.28	0.43	0.52	0.58
Tower Housing Area	50%	0.14	0.18	0.21	0.22	0.19	0.28	0.32	0.36	0.25	0.38	0.47	0.52
	100%	0.29	0.42	0.48	0.52	0.44	0.62	0.71	0.75	0.58	0.79	0.88	0.92
	150%	0.44	0.62	0.69	0.73	0.64	0.83	0.90	0.93	0.79	0.94	0.98	0.99

a The Percent Increase is the percent by which the AOC mean is assumed to exceed the reference mean (e.g., for percent increase of 50%, the AOC mean is 1.5 times the reference mean).

b Assuming that the AOC mean exceeds the reference mean by the amount indicated in the Percent Increase column, the power is the probability that the means comparison will produce the correct conclusion (i.e., that the AOC mean is significantly greater than the reference mean). A one-sided t-test at the 0.05 significance level is assumed. For each AOC, a representative variability for the metals was used in the power calculation.

The lightly shaded blocks indicate the number of samples available after the first soil sampling round. The more darkly shaded blocks indicate the recommended total numbers of samples. The recommendations are: 6 more surface and 9 more subsurface samples from the reference area; 8 more surface and 4 more subsurface samples from the Child Development Center; 8 more surface and 12 more subsurface samples from the Elementary School; and 4 more subsurface samples from the Residential Towers.